



## Sensor-actuator cables

Sensor/actuator cables for signal transmission in industrial applications

**SICK**  
Sensor Intelligence.



## Product description

Industrial automation not only places stringent demands on sensor solutions, the cable assemblies used must also be able to meet the challenges of a variety of industrial applications.

Sensor/actuator cables offer reliable signal transmission in demanding environments and are therefore an indispensable component in automation engineering.

With their high reliability, strong performance and attractive design, they are the ideal addition to a variety of sensor solutions.

## At a glance

- Encapsulated M8 and M12 plug connectors
- A, L and T coding
- Various cable sheath materials: halogen-free PUR, PVC and PP
- LED indicator
- Enclosure rating up to IP69
- High-quality stainless steel knurled nuts
- 3- to 17-pin plug connectors

## Your benefits

- Flexibility – Numerous standardized products as the basis for customer-specific solutions
- Ruggedness – Broad portfolio of cable materials, resistant to a variety of substances, mechanical stresses and environmental influences
- Safety – Tested and certified product solutions for high system efficiency

## Ordering information

Other models and accessories → [www.sick.com/Sensor-actuator\\_cables](http://www.sick.com/Sensor-actuator_cables)

- **Connection type head A:** female connector, M26, 7-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Connection systems:** Flying leads

Cable	Type	Part no.
15 m, PVC	DOL-0607G15M075KMO	2023997
7.5 m, PVC	DOL-0607G7M5075KMO	2023995

- **Connection type head A:** female connector, M26, 12-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Connection systems:** Flying leads
- **Application:** Uncontaminated zones, Zones with chemicals

Cable	Type	Part no.
10 m, 12-wire, PVC	DOL-0612G10M075KMO	2022547
15 m, 12-wire, PVC	DOL-0612G15M075KMO	2022548
2.5 m, 12-wire, PVC	DOL-0612G2M5075KMO	2022544
20 m, 12-wire, PVC	DOL-0612G20M075KMO	2022549
30 m, 12-wire, PVC	DOL-0612G30M075KMO	2022550
50 m, PVC	DOL-0612G50M075KMO	2033548
5 m, 12-wire, PVC	DOL-0612G05M075KMO	2022545
7.5 m, 12-wire, PVC	DOL-0612G7M5075KMO	2022546

- **Connection type head A:** female connector, M12, 4-pin, straight, T-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
1.5 m, 4-wire	DOL-1204-G1M5C	6059939
3 m, 4-wire	DOL-1204-G03MC	6059907

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- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Connection systems	Note	Application	Type	Part no.
0.6 m, 4-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Zones with chemicals	YF2A54-C60VB3XLEAX	2139235
10 m, 4-wire, PP	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1204-G10MRN	6058478
10 m, 4-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-1204-G10MNI	6052617
15 m, 4-wire, PP	–	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1204-G15MRN	2092884
20 m, 4-wire, PUR, halogen-free	Flying leads	–	Drag chain operation, Zones with oils and lubricants	DOL-1204G20M-C75KMO	2089703
25 m, 4-wire, PP	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1204-G25MRN	6058480

Cable	Connection systems	Note	Application	Type	Part no.
		is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)			
25 m, 4-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-1204-G25MNI	6052619
28 m, 4-wire, PUR, halogen-free	Flying leads	-	Zones with oils and lubricants, Drag chain operation	YF2A14-280UE4XLEAX	2150029
2 m, 4-wire, PP	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1204-G02MRN	6058291
2 m, 4-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-1204-G02MNI	6052613
30 m, 4-wire, PP	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	YF2AP4-300PA2XLEAX	2146867
5 m, 4-wire, PP	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1204-G05MRN	6058476
5 m, 4-wire, PUR, halogen-free	Flying leads	-	Drag chain operation, Zones with oils and lubricants	DOL-1204G05M-C75KM0	2079291
5 m, 4-wire, PVC	Flying leads	This product is generally resistant to chem-	Uncontaminated zones, Hygienic and	DOL-1204-G05MNI	6052615

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Cable	Connection systems	Note	Application	Type	Part no.
		ical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	washdown zones, Zones with chemicals		

- **Connection type head A:** female connector, M12, 4-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Connection systems:** Flying leads

Cable	Note	Application	Type	Part no.
10 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1204-W10MRN	6058479
	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors		DOL-1204-L10MRN	6058484
10 m, 4-wire, PUR, halogen-free	-	Drag chain operation, Zones with oils and lubricants	DOL-1204W10M-C75KM0	2079295
10 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-1204-W10MNI	6052618
	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors		DOL-1204-L10MNI	6052623
20 m, 4-wire, PUR, halogen-free	-	Drag chain operation, Zones with oils and lubricants	DOL-1204W20M-C75KM0	2089704

Cable	Note	Application	Type	Part no.
25 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1204-W25MRN	6058481
	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors		DOL-1204-L25MRN	6058485
25 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-1204-W25MNI	6052620
	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors		DOL-1204-L25MNI	6052624
2 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1204-W02MRN	6058474
	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors		DOL-1204-L02MRN	6058482
2 m, 4-wire, PUR, halogen-free	-	Drag chain operation, Zones with oils and lubricants	DOL-1204W02M-C75KMO	2079293

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Cable	Note	Application	Type	Part no.
2 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-1204-W02MNI	6052614
	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors		DOL-1204-L02MNI	6052621
5 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1204-W05MRN	6058477
	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors		DOL-1204-L05MRN	6058483
5 m, 4-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants	DOL-1204W05M-C75KMO	2079294
5 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-1204-W05MNI	6052616
	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors		DOL-1204-L05MNI	6052622

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Connection systems:** Flying leads

Cable	Description	Note	Application	Type	Part no.
10 m, 5-wire, PP	Sensor/actuator cable, unshielded	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1205-G10MRN	6058496
10 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	-	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A65-100UE2XLEAX	2093090
10 m, 5-wire, PVC	Sensor/actuator cable, unshielded	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-1205-G10MNI	6052627
20 m, 5-wire, PP	Sensor/actuator cable, unshielded	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	YF2AP5-200PA3XLEAX	2146868
20 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	-	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A65-200UE2XLEAX	2093091
25 m, 5-wire, PP	Sensor/actuator cable, unshielded	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1205-G25MRN	6058497

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Cable	Description	Note	Application	Type	Part no.
		checked., Resistant against lactic acid & hydrogen peroxide (H2O2)			
25 m, 5-wire, PVC	Sensor/actuator cable, unshielded	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-1205-G25MNI	6052628
2 m, 5-wire, PP	Sensor/actuator cable, unshielded	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1205-G02MRN	6058494
2 m, 5-wire, PVC	Sensor/actuator cable, unshielded	–	Zones with chemicals	DOL-1205-G02M	6008899
		This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-1205-G02MNI	6052625
40 m, 5-wire, PP	Sensor/actuator cable, unshielded	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	YF2AP5-400PA3XLEAX	2146869
5 m, 5-wire, PP	Sensor/actuator cable, unshielded	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-1205-G05MRN	6058495
5 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A65-050UE2XLEAX	2093088
5 m, 5-wire, PVC	Sensor/actuator cable, unshielded	–	Zones with chemicals	DOL-1205-G05M	6009868
		This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-1205-G05MNI	6052626

Cable	Description	Note	Application	Type	Part no.
		agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)			

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Incremental, SSI
- **Description:** Incremental, shielded, SSI
- **Connection systems:** Flying leads

Cable	Application	Type	Part no.
10 m, 8-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants	DOL-1208-G10MAC1	6032868
20 m, 8-wire, PUR, halogen-free		DOL-1208-G20MAC1	6032869
25 m, 8-wire, PUR, halogen-free		DOL-1208-G25MAC1	6067859
2 m, 8-wire, PUR, halogen-free		DOL-1208-G02MAC1	6032866
5 m, 8-wire, PUR, halogen-free		DOL-1208-G05MAD3	2121359
	–	DOL-1208-G05MAC1	6032867
	Drag chain operation, Zones with oils and lubricants		

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Application	Type	Part no.
0.6 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-C60UA6XLEAX	2145470
	Sensor/actuator cable, unshielded	–		YF2A18-C60UA5XLEAX	2145380
0.6 m, 8-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A28-C60VA6XLEAX	2145385
1.5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-015UA6XLEAX	2123361
10 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-100UA6XLEAX	2095749
	Sensor/actuator cable, unshielded	–		YF2A18-100UA5XLEAX	2095654
		Flying leads	Drag chain operation, Zones with oils and lubricants	DOL-1208G10MD25KM1	2079316
10 m, 8-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A28-100VA6XLEAX	2096245
	Sensor/actuator cable, special color code, shielded	–		YF2A28-100S01XLEAX	2099605
15 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-150UA6XLEAX	2095750
	Sensor/actuator cable, unshielded	–		YF2A18-150UA5XLEAX	2095679

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Cable	Description	Connection systems	Application	Type	Part no.
15 m, 8-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A28-150VA6XLEAX	2096356
	Sensor/actuator cable, special color code, shielded	–		YF2A28-150S01XLEAX	2095599
1 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-010UA6XLEAX	2145471
	Sensor/actuator cable, unshielded	–		YF2A18-010UA5XLEAX	2104368
1 m, 8-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A28-010VA6XLEAX	2145386
2.5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A18-025UA5XLEAX	2099229
20 m, 7-wire, PUR	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, cold bending resistant, seawater resistant, cold bending resistant	YF2A68-200UA7XLEAX	2108133
20 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-200UA6XLEAX	2113262
	Sensor/actuator cable, unshielded	–		YF2A18-200UA5XLEAX	2095680
		Flying leads	Drag chain operation, Zones with oils and lubricants	DOL-1208G20MD25KM1	2092105
20 m, 8-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A28-200VA6XLEAX	2140015
25 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-250UA6XLEAX	2113268
2 m, 7-wire, PUR	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, cold bending resistant, seawater resistant, cold bending resistant	YF2A68-020UA7XLEAX	2108120
2 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-020UA6XLEAX	2145472
	Sensor/actuator cable, unshielded	–		YF2A18-020UA5XLEAX	2095652
		Flying leads	Drag chain operation, Zones with oils and lubricants	DOL-1208G02MD25KM1	2079314
2 m, 8-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A28-020VA6XLEAX	2096243
	Sensor/actuator cable, special color code, shielded	–		YF2A28-020S01XLEAX	2099603

Cable	Description	Connection systems	Application	Type	Part no.
30 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-300UA6XLEAX	2113269
	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants	YF2A18-300UA5XLEAX	2095681
		Flying leads	Drag chain operation, Zones with oils and lubricants	DOL-1208G30MD25KM1	2092106
30 m, 8-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A28-300VA6XLEAX	2096357
3 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-030UA6XLEAX	2145473
	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A18-030UA5XLEAX	2104369
3 m, 8-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A28-030VA6XLEAX	2145695
5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-050UA6XLEAX	2095835
	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A18-050UA5XLEAX	2095653
		Flying leads	Drag chain operation, Zones with oils and lubricants	DOL-1208G05MD25KM1	2079315
5 m, 8-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A28-050VA6XLEAX	2096244
	Sensor/actuator cable, special color code, shielded	–		YF2A28-050S01XLEAX	2099604
7.5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A18-075UA5XLEAX	2099230
7.5 m, 8-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A28-075VA6XLEAX	2108582
8 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-080UA6XLEAX	2113242
8 m, 8-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YF2A18-080VA5XLEAX	2116113

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Application	Type	Part no.
10 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A68-100UA6XLEAX	6054488
10 m, 8-wire, PVC	Sensor/actuator cable, special color code, shielded	Flying leads	Uncontaminated zones, Zones with chemicals	DOL-1208-G10MF	6048434
20 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A68-200UA6XLEAX	6050686
2 m, 8-wire, PVC	Sensor/actuator cable, special color code, shielded	Flying leads	Uncontaminated zones, Zones with chemicals	DOL-1208-G02MF	6020663
5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A68-050UA6XLEAX	6054489
5 m, 8-wire, PVC	Sensor/actuator cable, special color code, shielded	Flying leads	Uncontaminated zones, Zones with chemicals	DOL-1208-G05MF	6020664

- **Connection type head A:** female connector, M12, 12-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** SSI
- **Description:** SSI, shielded
- **Note:** drag chain use
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
10 m, 12-wire, PUR, halogen-free	DOL-1212-G10MAC1	6053275
20 m, 12-wire, PUR, halogen-free	DOL-1212-G20MAC1	6053276
2 m, 12-wire, PUR, halogen-free	DOL-1212-G02MAC1	6053273
5 m, 12-wire, PUR, halogen-free	DOL-1212-G05MAC1	6053274

- **Connection type head A:** female connector, M12, 12-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Note	Application	Type	Part no.
10 m, 12-wire, PVC	Sensor/actuator cable, shielded	–	–	Uncontaminated zones, Zones with chemicals	DOL-1212-G10M	6045214
10 m, 12-wire, cable ends blue/red, gray/pink and red isolated separately, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	–	Zones with oils and lubricants	DOL-1212-G10MAS01	6037356

Cable	Description	Connection systems	Note	Application	Type	Part no.
20 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	–	Zones with oils and lubricants, Outdoor, Drag chain operation	DOL-1212-G20MAC0	6050688
2 m	Sensor/actuator cable, shielded	Flying leads	–	–	DOL-1212-G02MA	6034604
2 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	Strands specially isolated	–	DOL-1212-G02MAS01	6036555
5 m	Sensor/actuator cable, 35,000 torsion flex cycles	–	–	–	YF2A8B-050XXXXLEBX	6053083
5 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	–	–	DOL-1212-G05MA	6034605
				Zones with oils and lubricants, Outdoor, Drag chain operation	DOL-1212-G05MAC0	2094407
5 m, 12-wire, cable ends blue/red, gray/pink and red isolated separately, PUR, halogen-free	Sensor/actuator cable, shielded	Flying leads	–	–	DOL-1212-G05MAS01	6036556
5 m, 12-wire, twisted pair, PVC	Sensor/actuator cable, shielded	Flying leads	–	–	DOL-1212-G05MAS02	6042754

- **Connection type head A:** female connector, M12, 12-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** SSI
- **Description:** SSI, shielded
- **Application:** Zones with oils and lubricants

Cable	Note	Type	Part no.
10 m, 12-wire, PUR, halogen-free	Drag chain use	DOL-1212-W10MAC1	6039826
20 m, 12-wire, PUR, halogen-free	Drag chain use	DOL-1212-W20MAC1	6039827
2 m, 12-wire, PUR, halogen-free	–	DOL-1212-W02MAC1	6039824
5 m, 12-wire, PUR, halogen-free	Drag chain use	DOL-1212-W05MAC1	6039825

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE®
- **Description:** HIPERFACE®, shielded
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
1.5 m, 8-wire, PUR, halogen-free	DOL-2308-G1M5JB2	2031069
10 m, 8-wire, PUR, halogen-free	DOL-2308-G10MJB2	2031072
15 m, 8-wire, PUR, halogen-free	DOL-2308-G15MJB2	2031073
30 m, 8-wire, PUR, halogen-free	DOL-2308-G30MJB2	2056287
3 m, 8-wire, PUR, halogen-free	DOL-2308-G03MJB2	2031070
40 m, 8-wire, PUR, halogen-free	DOL-2308-G40MJB2	2058478

## Sensor-actuator cables

Cable	Type	Part no.
5 m, 8-wire, PUR, halogen-free	DOL-2308-G05MJB2	2031071

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Application	Type	Part no.
1.5 m, 12-wire	Shielded	Uncontaminated zones, Zones with chemicals	DOL-2312-G1M5MXD2	2097360
	Unshielded	Drag chain operation, Zones with chemicals, Zones with oils and lubricants	DOL-2312-G1M5MD2	2062284
10 m, 12-wire	Shielded		DOL-2312-G10MMD2	2062302
20 m, 12-wire	Shielded		DOL-2312-G20MMD2	2062303
30 m, 12-wire	Shielded		DOL-2312-G30MMD2	2062304
3 m, 12-wire	Shielded		DOL-2312-G03MMD2	2062300
5 m, 12-wire	Shielded		DOL-2312-G05MMD2	2062301
		Uncontaminated zones, Zones with chemicals	DOL-2312-G05MXD2	2095662

- **Connection type head A:** male connector, M12, 8-pin
- **Connection type head B:** female connector, M23, 12-pin, straight
- **Signal type:** Incremental

Cable	Description	Type	Part no.
1.5 m, 12-wire, PUR, halogen-free	Incremental, shielded	DOL-2312-G1M5A3S01	2120917

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Incremental
- **Description:** Incremental, shielded
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
1.5 m, 12-wire, PUR, halogen-free	DOL-2312-G1M5MA3	2029212
	DOL-2312-G1M5MD1	2062240
10 m, 11-wire, PUR	DOL-2312-G10MLA3	2030688
	DOL-2312-G10MLD1	2062204
10 m, 12-wire, PUR, halogen-free	DOL-2312-G10MMA3	2029215
	DOL-2312-G10MMD1	2062245
15 m, 11-wire, PUR	DOL-2312-G15MLA3	2030692
	DOL-2312-G15MLD1	2062205
20 m, 11-wire, PUR	DOL-2312-G20MLA3	2030695
	DOL-2312-G20MLD1	2062206
20 m, 12-wire, PUR, halogen-free	DOL-2312-G20MMA3	2029216
	DOL-2312-G20MMD1	2062246
25 m, 11-wire, PUR	DOL-2312-G25MLA3	2030699
	DOL-2312-G25MLD1	2062207

Cable	Type	Part no.
2 m, 11-wire, PUR	DOL-2312-G02MLA3	2030682
	DOL-2312-G02MLD1	2062202
30 m, 11-wire, PUR	DOL-2312-G30MLA3	2030702
	DOL-2312-G30MLD1	2062208
30 m, 12-wire, PUR, halogen-free	DOL-2312-G30MMA3	2029217
	DOL-2312-G30MMD1	2062247
3 m, 12-wire, PUR, halogen-free	DOL-2312-G03MMA3	2029213
	DOL-2312-G03MMD1	2062243
40 m, 12-wire, PUR, halogen-free	DOL-2312-G40MMA3	7130569
5 m, 12-wire, PUR, halogen-free	DOL-2312-G05MMA3	2029214
	DOL-2312-G05MMD1	2062244
7 m, 11-wire, PUR	DOL-2312-G07MLA3	2030685
	DOL-2312-G07MLD1	2062203

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 4-pin, straight, T-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, T-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
0.5 m, 4-wire, PUR	DSL-1204-G0M5C	6059909
1 m, 4-wire, PUR	DSL-1204-G01MC	6059908

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M12, 8-pin, straight

Cable	Description	Application	Type	Part no.
5 m, 8-wire, PUR, halogen-free	Shielded	Zones with oils and lubricants	DSL-1208-G05MAC1	6032913

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M12, 8-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.1 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants	DSL-1208-G0M1C	6057014

- **Connection type head A:** female connector, M12, 5-pin, straight
- **Connection type head B:** male connector, M12, 8-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.1 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants	DSL-1258-G0M1C	6057015

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** male connector, M12, 5-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.1 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants	DSL-1285-G0M1C	6057013

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** male connector, M23, 12-pin, straight
- **Signal type:** Incremental
- **Description:** Incremental, shielded
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
1.5 m, 12-wire, PUR, halogen-free	DSL-M2312-G1M5MA3	2118589
3 m, 12-wire, PUR, halogen-free	DSL-M2312-G03MMA3	2118590
5 m, 12-wire, PUR, halogen-free	DSL-M2312-G05MMA3	2118591

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** male connector, M12, 12-pin, straight
- **Signal type:** Incremental

Cable	Description	Application	Type	Part no.
30 m, 12-wire, PUR, halogen-free	Incremental, shielded	Zones with oils and lubricants	DSL-M2312-G30MMA3	2118592

Cable	Type	Part no.
5 m	Ethernet cable (5 m)	2098886

- **Connection type head A:** male connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE®, SSI, Incremental
- **Description:** HIPERFACE®, twisted pair, shielded, SSI, Incremental
- **Application:** Drag chain operation, Zones with oils and lubricants

Cable	Type	Part no.
10 m, PUR, halogen-free	STL-1208-G10MAC1	6032454
20 m, PUR, halogen-free	STL-1208-G20MAC1	6032455
2 m, PUR, halogen-free	STL-1208-G02MAC1	6032452
5 m, PUR, halogen-free	STL-1208-G05MAC1	6032453

- **Connection type head A:** male connector, M12, 12-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded
- **Connection systems:** Flying leads
- **Application:** Zones with oils and lubricants, Outdoor, Drag chain operation

Cable	Type	Part no.
20 m, 12-wire, PUR, halogen-free	STL-1212-G20MAC0	6050682
2 m, 12-wire, PUR, halogen-free	STL-1212-G02MAC0	2094408
5 m, 12-wire, PUR, halogen-free	STL-1212-G05MAC0	2094409

- **Connection type head A:** female connector, M12, 4-pin, straight, A-coded
- **Connection type head B:** male connector, M8, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	YF2A14-C60UA3M8U14	2096111
10 m, 4-wire, PUR, halogen-free	YF2A14-100UA3M8U14	2145633
1 m, 4-wire, PUR, halogen-free	YF2A14-010UA3M8U14	2134295
2 m, 4-wire, PUR, halogen-free	YF2A14-020UA3M8U14	2096112
3 m, 4-wire, PUR, halogen-free	YF2A14-030UA3M8U14	2145634
5 m, 4-wire, PUR, halogen-free	YF2A14-050UA3M8U14	2096113

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** female connector, M12, 5-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
3 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A1B-030UD6F2A15	2150364

- **Connection type head A:** female connector, M12, 12-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Application	Type	Part no.
10 m, 12-wire, PUR	Sensor/actuator cable, Pin 1 and pin 2 swapped over, shielded	Flying leads	Zones with oils and lubricants	YF2A6B-100S01XLEAX	6054973
10 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A2B-100UD2XLEAX	2114524
	Sensor/actuator cable, twisted pair, shielded		Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A2B-100UD3XLEAX	2131098
	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A1B-100UD1XLEAX	2119045
10 m, 12-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YF2A1B-100VH1XLEAX	2119051
15 m, 12-wire, PVC	Sensor/actuator cable, unshielded	–		YF2A1B-150VH1XLEAX	2124202
20 m, 12-wire, PUR	Sensor/actuator cable, Pin 1 and pin 2 swapped over, shielded	Flying leads	Zones with oils and lubricants	YF2A6B-200S01XLEAX	6054972
20 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A2B-200UD3XLEAX	2131099
	Sensor/actuator cable, twisted pair, shielded		Drag chain operation, Zones with oils and lubricants, Robot, Outdoor, Outdoor	YF2A6B-200UD3XLEAX	2131106
	Sensor/actuator cable, unshielded	Flying leads	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A2B-200UD3XLEAX	6042737
20 m, 12-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YF2A1B-200VH1XLEAX	2140017
2 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A2B-020UD2XLEAX	2130976
5 m, 12-wire, PUR	Sensor/actuator cable, Pin 1 and	Flying leads	Drag chain operation, Zones with oils and	YF2A6B-050S01XLEAX	6054974

Cable	Description	Connection systems	Application	Type	Part no.
	pin 2 swapped over, shielded		lubricants, Robot, Outdoor, Outdoor		
5 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A2B-050UD2XLEAX	2130999
			Drag chain operation, Zones with oils and lubricants, Robot, Outdoor, Outdoor	YF2A2B-050UD3XLEAX	2131096
			Drag chain operation, Zones with oils and lubricants, Robot, Outdoor, Outdoor	YF2A6B-050UD3XLEAX	2131105
	Sensor/actuator cable, twisted pair, shielded	Flying leads	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A2B-050UD3XLEAX	6042735
	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A1B-050UD1XLEAX	2119019
5 m, 12-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A2B-050VH2XLEAX	2130954
	Sensor/actuator cable, unshielded	–		YF2A1B-050VH1XLEAX	2140016

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 12-pin, straight
- **Connection type head B:** male connector, M12, 12-pin, straight
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded

Cable	Note	Application	Type	Part no.
2.7 m, 12-wire, shielded, PUR, halogen-free	Connection cable, extension cable 1:1, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A2B-025UD3M2A2B	6056903
2 m, 12-wire, shielded, PVC	Connection cable, extension cable 1:1, shielded, for TTK70 inspector	-	DSL-1212-G02MAC	6041763
5 m, 12-wire, twisted pair, PVC	-	-	DSL-1212-G05MAS02	6045234

- **Connection type head A:** female connector, M12, 17-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Note	Application	Type	Part no.
10 m, 17-wire, PUR	Sensor/actuator cable, shielded	-	-	Zones with oils and lubricants, Zones with oils and lubricants, Robot, Drag chain operation	YF2A2D-100UV2XLEAX	2114297
	Sensor/actuator cable, twisted pair, shielded	-	-		YF2A2D-100UV1XLEAX	6048817
20 m, 17-wire, stripped, PE-X	Sensor/actuator cable, suitable for 2 A, shielded Changed color coding of the flying leads	Flying leads	Max. permissible current strength at ambient temperature 50 °C: Contact 1 (blue) and contact 2 (brown): 3 A while the remaining contacts are operated with max. 100 mA; max. permissible current strength at ambient temperature 40 °C: 2 A for two and 1.5 A for 15 contacts.	Drag chain operation, Zones with oils and lubricants	YF2ASD-200VD6XLECX	2144853
2 m, 17-wire, PUR	Sensor/actuator cable, shielded	-	-	Zones with oils and lubricants, Zones with oils and lubricants, Robot, Drag chain operation	YF2A2D-020UV2XLEAX	2114287
3 m, 17-wire, PUR	Sensor/actuator cable, twisted pair, shielded	-	-		YF2A2D-030UV1XLEAX	6042772
5 m, 17-wire, PUR	Sensor/actuator cable, shielded	-	-		YF2A2D-050UV2XLEAX	2114296
	Sensor/actuator cable, twisted pair, shielded	-	-		YF2A2D-050UV1XLEAX	6042773

- **Connection type head A:** female connector, M12, 4-pin, straight
- **Connection type head B:** Flying leads
- **Description:** shielded
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
10 m, 4-wire, PUR, halogen-free	YF2A64-100UE1XLEAX	6054494
20 m, 4-wire, PUR, halogen-free	YF2A64-200UE1XLEAX	6050687
5 m, 4-wire, PUR, halogen-free	YF2A64-050UE1XLEAX	6054495

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads
- **Description:** shielded

Cable	Connection systems	Application	Type	Part no.
10 m, 8-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants	YF2A68-100XXXXLEAX	6032450
20 m, 8-wire, PUR, halogen-free	–	Zones with oils and lubricants	YF2A68-200XXXXLEAX	6032451
2 m, 8-wire, PUR, halogen-free	Flying leads	Zones with oils and lubricants	YF2A68-020XXXXLEAX	6032448
5 m, 8-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants	YF2A68-050XXXXLEAX	6032449

- **Connection type head A:** female connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** RS-422, SSI
- **Description:** RS-422, shielded, SSI
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
10 m, 8-wire, PUR, halogen-free	YF2A88-100XXXXLEAX	6048284
15 m, 8-wire, PUR, halogen-free	YF2A88-150XXXXLEAX	6048285
20 m, 8-wire, PUR, halogen-free	YF2A88-200XXXXLEAX	6048286
5 m, 8-wire, PUR, halogen-free	YF2A88-050XXXXLEAX	6048283

- **Connection type head A:** female connector, M12, 5-pin, straight, L-coded
- **Connection type head B:** male connector, M12, 5-pin, straight, L-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
10 m, 5-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2L15-100UK1M2L15	2137665
1 m, 5-wire, PUR, halogen-free		YF2L15-010UK1M2L15	2125147
20 m, 5-wire, PUR, halogen-free	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2L15-200UK1M2L15	2151408
3 m, 5-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2L15-030UK1M2L15	2125073
5 m, 5-wire, PUR, halogen-free		YF2L15-050UK1M2L15	2125075

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 5-pin, straight, L-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
10 m, 5-wire, PUR, halogen-free	YF2L15-100UH1XLEAX	2099627
15 m, 5-wire, PUR, halogen-free	YF2L15-150UH1XLEAX	2137666
20 m, 5-wire, PUR, halogen-free	YF2L15-200UH1XLEAX	2099628
2 m, 5-wire, PUR, halogen-free	YF2L15-020UH1XLEAX	2099599
30 m, 5-wire, PUR, halogen-free	YF2L15-300UH1XLEAX	2132818
5 m, 5-wire, PUR, halogen-free	YF2L15-050UH1XLEAX	2099626

- **Connection type head A:** female connector, M12, 4-pin, angled, A-coded
- **Connection type head B:** male connector, M8, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
1 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-010UA3M8U14	2146542

- **Connection type head A:** female connector, M12, 12-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
10 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A1B-100UD1XLEAX	2119050
			YG2A1B-100UJ1XLEAX	2114523
10 m, 12-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YG2A1B-100VH1XLEAX	2119053
5 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A2B-050UD2XLEAX	2131000
	Sensor/actuator cable, unshielded		YG2A1B-050UD1XLEAX	2119046
5 m, 12-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A2B-050VH2XLEAX	2130956

- **Connection type head A:** female connector, M12, 4-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Note	Application	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A24-C60UB4XLEAX	2145733
	Sensor/actuator cable, unshielded	–		YG2A14-C60UB3XLEAX	2145657
		Only suitable for PNP sensors		YI2A14-C60UB3XLEAX	2145696

Cable	Description	Note	Application	Type	Part no.
0.6 m, 4-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YG2A24-C60VB4XLEAX	2145747
	Sensor/actuator cable, unshielded	–		YG2A14-C60VB3XLEAX	2145709
		Only suitable for PNP sensors		YI2A14-C60VB3XLEAX	2145719
1.2 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-012UB3XLEAX	2095765
1.5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A24-015UB4XLEAX	2119402
	Sensor/actuator cable, unshielded	–		YG2A14-015UB3XLEAX	2119005
10 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–		YG2A24-100UB4XLEAX	2139234
			Drag chain operation, Zones with oils and lubricants, Robot, cold bending resistant, seawater resistant, cold bending resistant	YG2A64-100UE1XLEAX	2108123
	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-100UB3XLEAX	2095768
		Only suitable for PNP sensors		YI2A14-100UB3XLEAX	2095838
10 m, 4-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YG2A24-100VB4XLEAX	2145751
	Sensor/actuator cable, unshielded	–		YG2A14-100VB3XLEAX	2095898
		Only suitable for PNP sensors		YI2A14-100VB3XLEAX	2096231
15 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A24-150UB4XLEAX	2144041
	Sensor/actuator cable, unshielded	–		YG2A14-150UB3XLEAX	2095769
15 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG2A14-150VB3XLEAX	2096213
1 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A24-010UB4XLEAX	2145734
	Sensor/actuator cable, unshielded	–		YG2A14-010UB3XLEAX	2145658
		Only suitable for PNP sensors		YI2A14-010UB3XLEAX	2145697
1 m, 4-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YG2A24-010VB4XLEAX	2145749
	Sensor/actuator cable, unshielded	–		YG2A14-010VB3XLEAX	2145710
		Only suitable for PNP sensors		YI2A14-010VB3XLEAX	2145720
20 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-200UB3XLEAX	2095770
20 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG2A14-200VB3XLEAX	2096214

## Sensor-actuator cables

Cable	Description	Note	Application	Type	Part no.
25 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-250UB3XLEAX	2095771
		Only suitable for PNP sensors	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YI2A14-250UB3XLEAX	2095839
25 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG2A14-250VB3XLEAX	2119136
2 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A24-020UB4XLEAX	2145735
		–	Drag chain operation, Zones with oils and lubricants, Robot, cold bending resistant, seawater resistant, cold bending resistant	YG2A64-020UE1XLEAX	2108122
		–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-020UB3XLEAX	2095766
		–	Drag chain operation, Zones with oils and lubricants, Robot, weld-spark resistant, weld-spark resistant	YG2A14-020UW1XLEAX	2104886
2 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG2A24-020VB4XLEAX	2145750
		–		YG2A14-020VB3XLEAX	2095895
		Only suitable for PNP sensors		YI2A14-020VB3XLEAX	2096222
		–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A24-030UB4XLEAX	2145737
3 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–		YG2A14-030UB3XLEAX	2105351
		–		YI2A14-030UB3XLEAX	2145698
		Only suitable for PNP sensors		YG2A24-030VB4XLEAX	2145752
3 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG2A14-030VB3XLEAX	2107590
		–		YI2A14-030VB3XLEAX	2145721

Cable	Description	Note	Application	Type	Part no.
4 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-040UB3XLEAX	2111268
5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, weld-spark resistant, weld-spark resistant	YG2A24-050UB4XLEAX	2145736
	Sensor/actuator cable, unshielded	–		YG2A14-050UB3XLEAX	2095767
	Only suitable for PNP sensors	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-050UW1XLEAX	2104887
				YI2A14-050UB3XLEAX	2095837
5 m, 4-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YG2A24-050VB4XLEAX	2096221
	Sensor/actuator cable, unshielded	–		YG2A14-050VB3XLEAX	2095897
		Only suitable for PNP sensors		YI2A14-050VB3XLEAX	2096223
6 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–		YG2A14-060VB3XLEAX	2117128

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 8-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** RS-422, SSI
- **Description:** RS-422, shielded, SSI
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
10 m, 8-wire, PUR, halogen-free	YG2A68-100XXXLECX	6051482
20 m, 8-wire, PUR, halogen-free	YG2A68-200XXXLECX	6061578
5 m, 8-wire, PUR, halogen-free	YG2A68-050XXXLECX	6061576

- **Connection type head A:** female connector, M12, 8-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** RS-422, SSI

Cable	Description	Application	Type	Part no.
40 m, 8-wire, 8 wires, 4 x 2 twisted in pairs, PUR, halogen-free	RS-422, shielded SSI	Drag chain operation, Zones with oils and lubricants	YG2A68-400XXXLECX	2121385

- **Connection type head A:** female connector, M12, 8-pin, angled, A-coded
- **Connection type head B:** male connector, M12, 8-pin, A-coded

Cable	Application	Type	Part no.
5 m, 8-wire, PUR	Drag chain operation, Zones with oils and lubricants	YG2A88-050XXXM2A88	6049328

- **Connection type head A:** female connector, M12, 8-pin, angled, A-coded
- **Connection type head B:** male connector, M12, 8-pin, straight, A-coded
- **Application:** Drag chain operation, Zones with oils and lubricants

Cable	Type	Part no.
0.6 m, 8-wire, PUR	YG2A88-C60XXXM2A88	6048801
10 m, 8-wire, PUR, halogen-free	YG2A88-100XXXM2A88	6049329

- **Connection type head A:** female connector, M12, 5-pin, angled, L-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
1 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YG2L15-010UK1M2L15	2151296

- **Connection type head A:** female connector, M12, 5-pin, angled, L-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
5 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YG2L15-050UH1XLEAX	2151405

- **Connection type head A:** female connector, M12, 5-pin, angled, L-coded
- **Connection type head B:** male connector, M12, 5-pin, angled, L-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
5 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YG2L15-050UK1N2L15	2151407

- **Connection type head A:** female connector, Valve plug, 4-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Drag chain operation

Cable	Type	Part no.
10 m, 3-wire, PUR, halogen-free	YIDV14-100UE5XLEAX	2150859
10 m, 4-wire, PUR, halogen-free	YIDV64-100UE6XLEAX	2150861
3 m, 3-wire, PUR, halogen-free	YIDV14-030UE5XLEAX	2150296
3 m, 4-wire, PUR, halogen-free	YIDV64-030UE6XLEAX	2150298
5 m, 4-wire, PUR, halogen-free	YIDV64-050UE6XLEAX	2150860

- **Connection type head A:** male connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.6 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A25-C60UB6XLEAX	2145615
	Sensor/actuator cable, unshielded		YM2A15-C60UB5XLEAX	2145531
10 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YM2A25-100UB6XLEAX	2145618
	Sensor/actuator cable, unshielded		YM2A15-100UB5XLEAX	2095843
15 m, 5-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YM2A15-150VB5XLEAX	2114400
1 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A25-010UB6XLEAX	2145616
	Sensor/actuator cable, unshielded		YM2A15-010UB5XLEAX	2095104
20 m, 5-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YM2A15-200VB5XLEAX	2110629
2 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A25-020UB6XLEAX	2145617
	Sensor/actuator cable, unshielded		YM2A15-020UB5XLEAX	2095840
2 m, 5-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YM2A25-020VB6XLEAX	2144357
30 m, 5-wire, PVC	Sensor/actuator cable, unshielded		YM2A15-300VB5XLEAX	2114401
3 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A25-030UB6XLEAX	2145619
	Sensor/actuator cable, unshielded		YM2A15-030UB5XLEAX	2145533

## Sensor-actuator cables

Cable	Description	Application	Type	Part no.
5 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YM2A25-050UB6XLEAX	2096684
	Sensor/actuator cable, unshielded		YM2A15-050UB5XLEAX	2095842
			YM2A15-050UE3XLEAX	2140036
5 m, 5-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YM2A25-050VB6XLEAX	2144358

- **Connection type head A:** male connector, M12, 17-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
10 m, 17-wire, PUR	Zones with oils and lubricants, Zones with oils and lubricants, Robot, Drag chain operation	YM2A1D-100UV1XLEAX	2118016
20 m, 17-wire, PUR		YM2A1D-200UV1XLEAX	2118017
28 m, 17-wire, PUR	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YM2A1D-280UV1XLEAX	2150028
2 m, 17-wire, PUR	Zones with oils and lubricants, Zones with oils and lubricants, Robot, Drag chain operation	YM2A1D-020UV1XLEAX	2118014
5 m, 17-wire, PUR		YM2A1D-050UV1XLEAX	2118015

- **Connection type head A:** male connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.6 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A18-C60UA5XLEAX	2145384
0.6 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YM2A28-C60VA6XLEAX	2145392
1.5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A28-015UA6XLEAX	2123374
10 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YM2A28-100UA6XLEAX	2134056
	Sensor/actuator cable, unshielded		YM2A18-100UA5XLEAX	2095870
10 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YM2A28-100VA6XLEAX	2096246
15 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A18-150UA5XLEAX	2104371
1 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded		YM2A18-010UA5XLEAX	2095871
1 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YM2A28-010VA6XLEAX	2145393
20 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A28-200UA6XLEAX	2134057
	Sensor/actuator cable, unshielded		YM2A18-200UA5XLEAX	2101061
2 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded		YM2A18-020UA5XLEAX	2095868
2 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YM2A28-020VA6XLEAX	2096232

Cable	Description	Application	Type	Part no.
30 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A18-300UA5XLEAX	2101062
3 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded		YM2A18-030UA5XLEAX	2104370
3 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YM2A28-030VA6XLEAX	2145394
5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A28-050UA6XLEAX	2134055
	Sensor/actuator cable, unshielded		YM2A18-050UA5XLEAX	2095869
5 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YM2A28-050VA6XLEAX	2096233

- **Connection type head A:** male connector, M12, 12-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Application	Type	Part no.
10 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A2B-100UD3XLEAX	2131094
	Sensor/actuator cable, twisted pair, shielded		Flying leads	YM2A2B-100UD3XLEAX	6042733
20 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A2B-200UD3XLEAX	2131095
			Drag chain operation, Zones with oils and lubricants, Robot, Outdoor, Outdoor	YM2A6B-200UD3XLEAX	2131104
	Sensor/actuator cable, twisted pair, shielded	Flying leads	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YM2A2B-200UD3XLEAX	6042734
2 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A2B-020UD2XLECX	2121427
			Drag chain operation, Zones with oils and lubricants, Robot, Outdoor, Outdoor	YM2A6B-020UD3XLEAX	2131102
5 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A2B-050UD3XLEAX	2131093
			Drag chain operation, Zones with oils and lubricants, Robot, Outdoor, Outdoor	YM2A6B-050UD3XLEAX	2131103
	Sensor/actuator cable, twisted pair, shielded	Flying leads	Uncontaminated zones, Zones with oils and	YM2A2B-050UD3XLEAX	6042732

## Sensor-actuator cables

Cable	Description	Connection systems	Application	Type	Part no.
			lubricants, Robot, Drag chain operation		

- **Connection type head A:** male connector, M12, 8-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded
- **Connection systems:** Flying leads
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
10 m, 8-wire, PUR, halogen-free	YM2A68-100UA6XLEAX	6054490
20 m, 8-wire, PUR, halogen-free	YM2A68-200UA6XLEAX	6050689
5 m, 8-wire, PUR, halogen-free	YM2A68-050UA6XLEAX	6054491

- **Connection type head A:** male connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 8-pin, straight, A-coded

Cable	Description	Type	Part no.
3 m, 8-wire, PUR	Shielded	YM2AA8-030XXXM2AA8	2087590

- **Connection type head A:** male connector, N, straight
- **Connection type head B:** male connector, TNC, straight
- **Signal type:** HF analog

Cable	Description	Note	Type	Part no.
5 m	HF analog, unshielded	Antenna connecting cable, power loss 2.5 dB	YM2Z12-050PC1F2Z12	6039548

- **Connection type head A:** male connector, M12, 17-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Zones with oils and lubricants, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
10 m, 17-wire, PUR	YN2A1D-100UV1XLEAX	2118011
20 m, 17-wire, PUR	YN2A1D-200UV1XLEAX	2118018
2 m, 17-wire, PUR	YN2A1D-020UV1XLEAX	2118013
5 m, 17-wire, PUR	YN2A1D-050UV1XLEAX	2118012

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** SSI
- **Description:** SSI, shielded
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
0.5 m, 8-wire, PUR, halogen-free	DOL-2308-G0M5AA6	2048595
1.5 m, 12-wire, PUR, halogen-free	DOL-2312-G1M5MA2	2029206

Cable	Type	Part no.
1.5 m, 8-wire, PUR, halogen-free	DOL-2308-G1M5AA6	2048596
10 m, 11-wire, PUR	DOL-2312-G10MLA2	2030687
	DOL-2312-G10MLA5	2030686
10 m, 12-wire, PUR, halogen-free	DOL-2312-G10MMA2	2029209
10 m, 8-wire, PUR, halogen-free	DOL-2308-G10MAA6	2048599
15 m, 11-wire, PUR	DOL-2312-G15MLA2	2030691
	DOL-2312-G15MLA5	2030690
20 m, 11-wire, PUR	DOL-2312-G20MLA2	2030694
	DOL-2312-G20MLA5	2030693
20 m, 12-wire, PUR, halogen-free	DOL-2312-G20MMA2	2029210
25 m, 11-wire, PUR	DOL-2312-G25MLA2	2030698
	DOL-2312-G25MLA5	2030697
2 m, 11-wire, PUR	DOL-2312-G02MLA5	2030680
2 m, 12-wire, UV and saltwater-resistant, PUR, halogen-free	DOL-2312-G02MCA1	2031176
30 m, 11-wire, PUR	DOL-2312-G30MLA5	2030700
30 m, 12-wire, PUR, halogen-free	DOL-2312-G30MMA2	2029211
3 m, 12-wire, PUR, halogen-free	DOL-2312-G03MMA2	2029207
3 m, 8-wire, PUR, halogen-free	DOL-2308-G03MAA6	2048597
5 m, 12-wire, PUR, halogen-free	DOL-2312-G05MMA2	2029208
5 m, 8-wire, PUR, halogen-free	DOL-2308-G05MAA6	2048598
7 m, 11-wire, PUR	DOL-2312-G07MLA5	2030683

## Sensor-actuator cables

- **Connection type head A:** female connector, M26, 12-pin, angled
- **Connection type head B:** male connector, M26, 12-pin, straight
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Uncontaminated zones, Zones with chemicals

Cable	Type	Part no.
0.25 m, 12-wire, PVC	DSL-0612BM25075KM0	2022284
0.5 m, 12-wire, PVC	DSL-0612B0M5075KM0	2022285
1.5 m, 12-wire, PVC	DSL-0612B1M5075KM0	2022287
1 m, 12-wire, PVC	DSL-0612B01M075KM0	2022286
2 m, 12-wire, PVC	DSL-0612B02M075KM0	2022288
3 m, 12-wire, PVC	DSL-0612B03M075KM0	2022290

- **Connection type head A:** male connector, USB-A
- **Connection type head B:** male connector, RJ45
- **Signal type:** USB

Cable	Description	Type	Part no.
2.8 m, coiled cable	USB, unshielded	USB 2.0	6032516

- **Connection type head A:** female connector, M26, 12-pin, straight
- **Connection type head B:** male connector, M26, 12-pin, straight
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.25 m, 12-wire, PVC	–	DSL-0612GM25075KM0	2022278
0.5 m, 12-wire, PVC	Uncontaminated zones, Zones with chemicals	DSL-0612G0M5075KM0	2021838
1.5 m, 12-wire, PVC		DSL-0612G1M5075KM0	2022280
1 m, 12-wire, PVC		DSL-0612G01M075KM0	2022279
2.5 m, 12-wire, PVC		DSL-0612G2M5075KM0	2022282
2 m, 12-wire, PVC		DSL-0612G02M075KM0	2022281
3 m, 12-wire, PVC		DSL-0612G03M075KM0	2022283

- **Connection type head A:** male connector, M12, 5-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Connection systems	Application	Type	Part no.
5 m	Sensor/actuator cable, shielded	Flying leads	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YM2A25-050UA7XLEAX	6024861

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, female connector
- **Connection type head B:** male connector, D-Sub-HD, 15-pin
- **Signal type:** Power, serial, CAN, digital I/Os

Items supplied	Cable	Description	Type	Part no.
With EEPROM parameter store for connection with CDM490, with 2 cables, each 15-pin shielded, with 15-pin Sub-HD male/female connector	3 m	Power, shielded Serial CAN Digital I/Os	Cover for male connector	2020307

- **Connection type head A:** female connector, M26, 12-pin, straight
- **Connection type head B:** Flying leads
- **Description:** unshielded
- **Connection systems:** Flying leads
- **Note:** without EFI: Pin 9 and 10 not connected
- **Application:** Uncontaminated zones, Zones with chemicals

Cable	Type	Part no.
10 m, PVC	DOL-0610G10M075KM1	2046889
20 m, PVC	DOL-0610G20M075KM1	2046890
5 m, PVC	DOL-0610G05M075KM1	2046888

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, female connector, D-Sub-HD, 15-pin
- **Connection type head B:** male connector, D-Sub-HD, 15-pin
- **Signal type:** Power, serial, CAN, digital I/Os

Items supplied	Cable	Description	Type	Part no.
Without EEPROM parameter store	3 m, 15-wire	Power, unshielded Serial CAN Digital I/Os	Connection cable	2027046

- **Connection type head A:** male connector, D-Sub-HD, 15-pin, female connector, D-Sub-HD
- **Connection type head B:** male connector, D-Sub-HD, 15-pin
- **Signal type:** Power, serial, CAN, digital I/Os

Items supplied	Cable	Description	Type	Part no.
With EEPROM parameter store	3 m, 15-wire	Power, unshielded Serial CAN Digital I/Os	Connection cable	2030023

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 8-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE®, Incremental
- **Description:** HIPERFACE®, shielded, Incremental
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
10 m, 8-wire, PUR, halogen-free	DOL-1208-W10MAC1	6037726
20 m, 8-wire, PUR	DOL-1208-W20MAC1	6037727
2 m, 8-wire, PUR, halogen-free	DOL-1208-W02MAC1	6037724
5 m, 8-wire, PUR, halogen-free	DOL-1208-W05MAC1	6037725

- **Connection type head A:** male connector, D-Sub, 9-pin
- **Connection type head B:** male connector, RJ45
- **Signal type:** RS-232 TTL
- **Cable:** 2.4 m, coiled cable
- **Description:** RS-232 TTL, unshielded

Note	Type	Part no.
Additional power supply unit required (42203758-04E)	RS232 TTL spiral cable	6012109
Voltage on pin 9, (42203758-03E)	RS232 spiral cable	6025955

- **Connection type head A:** female connector, M8, 4-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Connection systems:** Flying leads

Cable	Note	Application	Type	Part no.
10 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0804-G10MRN	6058512
10 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0804-G10MNI	6059195
25 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0804-G25MRN	6058513

Cable	Note	Application	Type	Part no.
25 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0804-G25MNI	6059196
2 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0804-G02MRN	6058510
2 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0804-G02MNI	6059193
30 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	YF8P14-300PA1XLEAX	2148495
40 m, 4-wire, PP			YF8P14-400PA1XLEAX	2148496
5 m, 4-wire, PP			DOL-0804-G05MRN	6058511
5 m, 4-wire, PVC	-	Zones with chemicals	DOL-0804-G05M	6009872
	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0804-G05MNI	6059194

- **Connection type head A:** female connector, M8, 4-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Connection systems	Application	Type	Part no.
10 m, 4-wire, PVC	Unshielded	Flying leads	Zones with chemicals	DOL-0804-G10M	6010754

- **Connection type head A:** female connector, M12, 12-pin, straight
- **Connection type head B:** Flying leads

Cable	Description	Note	Application	Type	Part no.
5 m, 12-wire, PVC	Shielded	For stand-alone operation	Uncontaminated zones, Zones with chemicals	DOL-1212-G05M	6035988

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 12-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded
- **Connection systems:** Flying leads

Cable	Note	Type	Part no.
5 m, 12-wire, PUR, halogen-free	Power and I/O cable	DOL-1212-W05MA	6044448
5 m, 12-wire, PVC	-	DOL-1212-W05MAS02	6044109

- **Connection type head A:** female connector, M12, 5-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Note	Application	Type	Part no.
0.6 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	-	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A25-C60UB6XLEAX	2145612
	Sensor/actuator cable, unshielded	-		YG2A15-C60UB5XLEAX	2145540
0.6 m, 5-wire, PVC	Sensor/actuator cable, unshielded	-	Uncontaminated zones, Zones with chemicals	YG2A15-C60VB5XLEAX	2145573
				YG2A25-C60VB6XLEAX	2145627
10 m, 2-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Voltage supply	Zones with oils and lubricants	DOL-1202-W10MC	6042068
10 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	-	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A25-100UB6XLEAX	2095793
	Sensor/actuator cable, unshielded	-		YG2A15-100UB5XLEAX	2095774
10 m, 5-wire, PVC	Sensor/actuator cable, unshielded	-	Uncontaminated zones, Zones with chemicals	YG2A15-100VB5XLEAX	2096217
				YG2A25-100VB6XLEAX	2104953
15 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	-	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A15-150UB5XLEAX	2141059
1 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	-		YG2A25-010UB6XLEAX	2145613
	Sensor/actuator cable, unshielded	-		YG2A15-010UB5XLEAX	2145541
1 m, 5-wire, PVC	Sensor/actuator cable, unshielded	-	Uncontaminated zones, Zones with chemicals	YG2A15-010VB5XLEAX	2145574
				YG2A25-010VB6XLEAX	2145628
20 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	-	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A25-200UB6XLEAX	2095795
	Sensor/actuator cable, unshielded	-		YG2A15-200UB5XLEAX	2141061
2 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	-		YG2A25-020UB6XLEAX	2145614
	Sensor/actuator cable, unshielded	-		YG2A15-020UB5XLEAX	2095772
2 m, 5-wire, PVC	Sensor/actuator cable, unshielded	-	Uncontaminated zones, Zones with chemicals	YG2A15-020VB5XLEAX	2096215
				YG2A25-020VB6XLEAX	2145629

Cable	Description	Note	Application	Type	Part no.
3 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A25-030UB6XLEAX	2095791
	Sensor/actuator cable, unshielded	–		YG2A15-030UB5XLEAX	2145543
3 m, 5-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG2A15-030VB5XLEAX	2145575
				YG2A25-030VB6XLEAX	2145631
5 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A25-050UB6XLEAX	2095792
	Sensor/actuator cable, unshielded	–		YG2A15-050UB5XLEAX	2095773
5 m, 5-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG2A15-050VB5XLEAX	2096216
				YG2A25-050VB6XLEAX	2145630

## Sensor-actuator cables

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** SSI, RS-422, TTL, HTL
- **Description:** SSI, shielded, RS-422, TTL, HTL
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
1.5 m, 12-wire, PUR, halogen-free	DOL-2312-G1M5MA1	2029200
10 m, 12-wire, PUR, halogen-free	DOL-2312-G10MMA1	2029203
3 m, 12-wire, PUR, halogen-free	DOL-2312-G03MMA1	2029201
5 m, 12-wire, PUR, halogen-free	DOL-2312-G05MMA1	2029202

- **Connection type head A:** female connector, M12, 5-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** HIPERFACE®
- **Description:** HIPERFACE®, shielded
- **Note:** Sensor/actuator cable
- **Application:** Drag chain operation, Zones with oils and lubricants

Cable	Type	Part no.
10 m, 5-wire, PUR, halogen-free	DOL-1205-W10MAC	6041752
5 m, 5-wire, PUR, halogen-free	DOL-1205-W05MAC	6041751

- **Connection type head A:** female connector, M23, 12-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** SSI, RS-422
- **Description:** SSI, shielded, RS-422
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
20 m, 12-wire, PUR, halogen-free	DOL-2312-G20MMA1	2029204
30 m, 12-wire, PUR, halogen-free	DOL-2312-G30MMA1	2029205

- **Connection type head A:** female connector, M23, 21-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** parallel
- **Description:** parallel, shielded
- **Application:** Zones with oils and lubricants

Cable	Type	Part no.
1.5 m, 22-wire, PUR, halogen-free	DOL-2321-G1M5PA4	2029218
10 m, 22-wire, PUR, halogen-free	DOL-2321-G10MPA4	2029221
20 m, 22-wire, PUR, halogen-free	DOL-2321-G20MPA4	2029222
35 m, 22-wire, PUR, halogen-free	DOL-2321-G35MPA4	2064231
3 m, 22-wire, PUR, halogen-free	DOL-2321-G03MPA4	2029219
5 m, 22-wire, PUR, halogen-free	DOL-2321-G05MPA4	2029220

- **Connection type head A:** female connector, M8, 3-pin, straight
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Connection systems	Note	Application	Type	Part no.
10 m, 3-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0803-G10MNI	6059179
10 m, 4-wire, PP	Flying leads			DOL-0803-G10MRN	6058506
15 m, 4-wire, PP	Flying leads			YF8P13-150PA1XLEAX	2146839
20 m, 4-wire, PP	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	YF8P13-200PA1XLEAX	2146841
25 m, 3-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0803-G25MNI	6059191
25 m, 4-wire, PP	-	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0803-G25MRN	2094813
2 m, 3-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0803-G02MNI	6059177

## Sensor-actuator cables

Cable	Connection systems	Note	Application	Type	Part no.
2 m, 4-wire, PP	Flying leads			DOL-0803-G02MRN	6058504
30 m, 4-wire, PP	Flying leads			YF8P13-300PA1XLEAX	2146842
40 m, 4-wire, PP	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	YF8P13-400PA1XLEAX	2146843
5 m, 3-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0803-G05MNI	6059178
5 m, 4-wire, PP	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0803-G05MRN	6058505

- Connection type head A:** female connector, M8, 3-pin, angled
- Connection type head B:** Flying leads
- Signal type:** Sensor/actuator cable
- Description:** Sensor/actuator cable, unshielded

Cable	Connection systems	Note	Application	Type	Part no.
10 m, 3-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0803-W10MNI	6059190

Cable	Connection systems	Note	Application	Type	Part no.
10 m, 4-wire, PP	-	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0803-L10MRN	6058789
	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)			
25 m, 3-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0803-W25MNI	6059192
25 m, 4-wire, PP	-	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0803-W25MRN	2094814
2 m, 3-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0803-W02MNI	6059187

## Sensor-actuator cables

Cable	Connection systems	Note	Application	Type	Part no.
2 m, 4-wire, PP	–	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0803-L02MRN	6058787
	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)		DOL-0803-W02MRN	6058507
5 m, 3-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0803-W05MNI	6059188
5 m, 4-wire, PP	–	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked.	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0803-L05MRN	6058788
	Flying leads			DOL-0803-W05MRN	6058508

- **Connection type head A:** female connector, M8, 4-pin, angled
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Connection systems	Note	Application	Type	Part no.
10 m, 4-wire, PP	–	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0804-L10MRN	6058792
	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)		DOL-0804-W10MRN	6058517
10 m, 4-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0804-W10MNI	6059199
25 m, 4-wire, PP	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0804-W25MRN	6058518
25 m, 4-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0804-W25MNI	6059200

## Sensor-actuator cables

Cable	Connection systems	Note	Application	Type	Part no.
		do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)			
2 m, 4-wire, PP	-	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0804-L02MRN	6058790
	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)		DOL-0804-W02MRN	6058514
2 m, 4-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0804-W02MNI	6059197
5 m, 4-wire, PP	-	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2), only suitable for PNP sensors	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DOL-0804-L05MRN	6058791
	Flying leads	This product is generally resistant to chemical cleaning agents (see		DOL-0804-W05MRN	6058515

Cable	Connection systems	Note	Application	Type	Part no.
		ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)			
5 m, 4-wire, PVC	Flying leads	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DOL-0804-W05MNI	6059198

- Connection type head A:** female connector, M12, 4-pin, angled
- Connection type head B:** male connector, M12, 4-pin, straight
- Signal type:** Sensor/actuator cable
- Description:** Sensor/actuator cable, unshielded

Cable	Note	Application	Type	Part no.
0.6 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked.	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DSL-1204-B0M6RN	6058501
0.6 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind.	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DSL-1204-B0M6NI	6052632
2 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DSL-1204-B02MRN	6058502
2 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other Kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DSL-1204-B02MNI	6052633

Cable	Note	Application	Type	Part no.
3 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation	YG2AP4-030PA2M2AP4	2151191
5 m, 4-wire, PP		Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DSL-1204-B05MRN	6058503
5 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DSL-1204-B05MNI	6052634

- Connection type head A:** female connector, M12, 4-pin, straight
- Connection type head B:** male connector, M12, 4-pin, straight
- Signal type:** Sensor/actuator cable
- Description:** Sensor/actuator cable, unshielded

Cable	Note	Application	Type	Part no.
0.6 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked.	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DSL-1204-G0M6RN	6058498
0.6 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other kind.	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DSL-1204-G0M6NI	6052629
20 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	YF2AP4-020PA2M2AP4	2143765
2 m, 4-wire, PP			DSL-1204-G02MRN	6058499
2 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DSL-1204-G02MNI	6052630
5 m, 4-wire, PP	This product is generally resistant to chemical cleaning agents (see ECOLAB) and other chemical compounds such	Hygienic and washdown zones, Drag chain operation, Robot, cold bending resistant, seawater resistant	DSL-1204-G05MRN	6058500

Cable	Note	Application	Type	Part no.
	as H2O2 and CH2O2. Before permanent installation is carried out, the material's resistance to the cleaning agent being used must be checked., Resistant against lactic acid & hydrogen peroxide (H2O2)			
5 m, 4-wire, PVC	This product is generally resistant to chemical cleaning agents (see ECOLAB). Please do not use cleaning agents of any other kind., Not resistant against lactic acid & hydrogen peroxide (H2O2)	Uncontaminated zones, Hygienic and washdown zones, Zones with chemicals	DSL-1204-G05MNI	6052631

- **Connection type head A:** female connector, M8, 3-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U23-C60UB2XLEAX	2146395
	Sensor/actuator cable, unshielded		YF8U13-C60UA1XLEAX	2145888
0.6 m, 3-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U13-C60VA1XLEAX	2146368
1.5 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-015UA1XLEAX	2119007
10 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YF8U23-100UB2XLEAX	2114707
	Sensor/actuator cable, unshielded		YF8U13-100UA1XLEAX	2094789
			YF8U13-100UB1XLEAX	2101506
10 m, 3-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U13-100VA1XLEAX	2095885
15 m, 3-wire, PVC	Sensor/actuator cable, unshielded		YF8U13-150VA1XLEAX	2095886
1 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U23-010UB2XLEAX	2146396
	Sensor/actuator cable, unshielded		YF8U13-010UA1XLEAX	2094779
20 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YF8U23-200UB2XLEAX	2119436
	Sensor/actuator cable, unshielded		YF8U13-200UA1XLEAX	2094790
20 m, 3-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U13-200VA1XLEAX	2110091
2 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U23-020UB2XLEAX	2146397
	Sensor/actuator cable, unshielded		YF8U13-020UA1XLEAX	2094782
			YF8U13-020UB1XLEAX	2101505
2 m, 3-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U13-020VA1XLEAX	2095860
30 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-300UA1XLEAX	2110918
30 m, 3-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U13-300VA1XLEAX	2142475

Cable	Description	Application	Type	Part no.
3 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U23-030UB2XLEAX	2146399
	Sensor/actuator cable, unshielded		YF8U13-030UA1XLEAX	2094787
3 m, 3-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U13-030VA1XLEAX	2137329
50 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-500UA1XLEAX	2110917
50 m, 3-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U13-500VA1XLEAX	2142476
5 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U23-050UB2XLEAX	2146398
	Sensor/actuator cable, unshielded		YF8U13-050UA1XLEAX	2094788
5 m, 3-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U13-050VA1XLEAX	2095884
6 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-060UA1XLEAX	2137330
6 m, 3-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U13-060VA1XLEAX	2144408
8 m, 3-wire, PVC	Sensor/actuator cable, unshielded		YF8U13-080VA1XLEAX	2144409

- Connection type head A:** female connector, M8, 4-pin, straight, A-coded

- Connection type head B:** Flying leads

- Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.3 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-C30VA3XLEAX	2144410
0.6 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U24-C60UB4XLEAX	2145879
	Sensor/actuator cable, unshielded		YF8U14-C60UA3XLEAX	2145825
0.6 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-C60VA3XLEAX	2145852
0.75 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF8U14-C75VA3XLEAX	2107545
1.5 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF8U14-015VA3XLEAX	2095894
10 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U24-100UB4XLEAX	2096201
	Sensor/actuator cable, unshielded		YF8U14-100UA3XLEAX	2094793
			YF8U14-100UB3XLEAX	2101510
10 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-100VA3XLEAX	2095890
15 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-150UA3XLEAX	2095580
			YF8U14-150UB3XLEAX	2099601
15 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-150VA3XLEAX	2095899

Cable	Description	Application	Type	Part no.
1 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U24-010UB4XLEAX	2145880
	Sensor/actuator cable, unshielded		YF8U14-010UA3XLEAX	2145826
1 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-010VA3XLEAX	2145853
2.5 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF8U14-025VA3XLEAX	2095876
20 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-200UA3XLEAX	2095582
20 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-200VA3XLEAX	2095891
2 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U24-020UB4XLEAX	2145881
	Sensor/actuator cable, unshielded		YF8U14-020UA3XLEAX	2094791
2 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-020VA3XLEAX	2095888
30 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF8U14-300VA3XLEAX	2095900
3 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U24-030UB4XLEAX	2145882
	Sensor/actuator cable, unshielded		YF8U14-030UA3XLEAX	2124227
3 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-030VA3XLEAX	2095896
5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U24-050UB4XLEAX	2096200
	Sensor/actuator cable, unshielded		YF8U14-050UA3XLEAX	2094792
5 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-050VA3XLEAX	2095889
6 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF8U14-060VA3XLEAX	2137325
8 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF8U14-080VA3XLEAX	2137327

- Connection type head A:** female connector, M8, 3-pin, angled, A-coded

- Connection type head B:** Flying leads

- Signal type:** Sensor/actuator cable

Cable	Description	Note	Application	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	– Only suitable for PNP sensors	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U13-C60UA1XLEAX	2145889
				YI8U13-C60UA1XLEAX	2145892
0.6 m, 3-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U13-C60VA1XLEAX	2146370
10 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U13-100UA1XLEAX	2095588
				YG8U13-100UB1XLEAX	2101504
		Only suitable for PNP sensors	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YI8U13-100UA1XLEAX	2095595

## Sensor-actuator cables

Cable	Description	Note	Application	Type	Part no.	
10 m, 3-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U13-100VA1XLEAX	2096209	
15 m, 3-wire, PVC	Sensor/actuator cable, unshielded	–		YG8U13-150VA1XLEAX	2096210	
1 m, 3-wire, PVC	Sensor/actuator cable, unshielded	–		YG8U13-010VA1XLEAX	2146371	
2.5 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U13-025UA1XLEAX	2134993	
20 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–		YG8U23-200UB2XLEAX	2119472	
20 m, 3-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U13-200VA1XLEAX	2110087	
2 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U13-020UA1XLEAX	2094794	
		Only suitable for PNP sensors		YG8U13-020UB1XLEAX	2101500	
				YI8U13-020UA1XLEAX	2095593	
2 m, 3-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U13-020VA1XLEAX	2096165	
3 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U13-030UA1XLEAX	2145891	
		Only suitable for PNP sensors		YI8U13-030UA1XLEAX	2145894	
3 m, 3-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U13-030VA1XLEAX	2146372	
5 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U13-050UA1XLEAX	2095586	
		Only suitable for PNP sensors		YG8U13-050UB1XLEAX	2101503	
				YI8U13-050UA1XLEAX	2095594	
5 m, 3-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U13-050VA1XLEAX	2096166	

- **Connection type head A:** female connector, M8, 4-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Note	Application	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U24-C60UB4XLEAX	2145883
	Sensor/actuator cable, unshielded	–		YG8U14-C60UA3XLEAX	2145828
		Only suitable for PNP sensors		YI8U14-C60UA3XLEAX	2145831
0.6 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U14-C60VA3XLEAX	2145854
10 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U24-100UB4XLEAX	2114706
	Sensor/actuator cable, unshielded	–		YG8U14-100UA3XLEAX	2095591
		Only suitable for PNP sensors		YI8U14-100UB3XLEAX	2101508
				YI8U14-100UA3XLEAX	2095598

Cable	Description	Note	Application	Type	Part no.
10 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U14-100VA3XLEAX	2095964
15 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U14-150UA3XLEAX	2118299
15 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U14-150VA3XLEAX	2118298
1 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U24-010UB4XLEAX	2145884
	Sensor/actuator cable, unshielded	–		YG8U14-010UA3XLEAX	2145829
		Only suitable for PNP sensors		YI8U14-010UA3XLEAX	2145832
1 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U14-010VA3XLEAX	2145855
2 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U24-020UB4XLEAX	2145885
	Sensor/actuator cable, unshielded	–		YG8U14-020UA3XLEAX	2095589
		Only suitable for PNP sensors		YI8U14-020UA3XLEAX	2095596
2 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U14-020VA3XLEAX	2095962
30 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–		YG8U14-300VA3XLEAX	2095968
3 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U24-030UB4XLEAX	2145887
	Sensor/actuator cable, unshielded	–		YG8U14-030UA3XLEAX	2145830
		Only suitable for PNP sensors		YI8U14-030UA3XLEAX	2145833
3 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U14-030VA3XLEAX	2145857
5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U24-050UB4XLEAX	2139777
	Sensor/actuator cable, unshielded	–		YG8U14-050UA3XLEAX	2095590
		–		YG8U14-050UB3XLEAX	2101507
		Only suitable for PNP sensors		YI8U14-050UA3XLEAX	2095597
5 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YG8U14-050VA3XLEAX	2095963

• **Connection type head A:** female connector, M12, 3-pin, straight, A-coded

• **Connection type head B:** Flying leads

• **Signal type:** Sensor/actuator cable

• **Description:** Sensor/actuator cable, unshielded

Cable	Note	Application	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-C60UB1XLEAX	2145767
	Only suitable for PNP sensors		YH2A13-C60UB1XLEAX	2145773

## Sensor-actuator cables

Cable	Note	Application	Type	Part no.
0.6 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YF2A13-C60VB1XLEAX	2145796
1.5 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-015UB1XLEAX	2095603
10 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-100UB1XLEAX	2095606
	Only suitable for PNP sensors		YH2A13-100UB1XLEAX	2106711
10 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YF2A13-100VB1XLEAX	2109895
1 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-010UB1XLEAX	2145768
	Only suitable for PNP sensors	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YH2A13-010UB1XLEAX	2145782
1 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YF2A13-010VB1XLEAX	2145797
20 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YF2A13-200VB1XLEAX	2109894
2 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-020UB1XLEAX	2095604
	Only suitable for PNP sensors	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YH2A13-020UB1XLEAX	2145783
2 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YF2A13-020VB1XLEAX	2145798
3 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-030UB1XLEAX	2124212
		Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-030UB1XLEAX	2145769
	Only suitable for PNP sensors	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YH2A13-030UB1XLEAX	2145785
3 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YF2A13-030VB1XLEAX	2145801
5 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-050UB1XLEAX	2095605
	Only suitable for PNP sensors	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YH2A13-050UB1XLEAX	2145784
5 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YF2A13-050VB1XLEAX	2145799

• **Connection type head A:** female connector, M12, 4-pin, straight, A-coded

• **Connection type head B:** Flying leads

• **Signal type:** Sensor/actuator cable

Cable	Description	Note	Application	Type	Part no.
0.5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-C50UB3XLEAX	2122045
0.6 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–		YF2A24-C60UB4XLEAX	2145730
	Sensor/actuator cable, unshielded	–		YF2A14-C60UB3XLEAX	2145654
		Only suitable for PNP sensors		YH2A14-C60UB3XLEAX	2145668
0.6 m, 4-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A24-C60VB4XLEAX	2145742
	Sensor/actuator cable, unshielded	–		YF2A14-C60VB3XLEAX	2145707

Cable	Description	Note	Application	Type	Part no.	
0.75 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–		YF2A14-C75VB3XLEAX	2102815	
10 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-100UB4XLEAX	2095730	
			Drag chain operation, Zones with oils and lubricants, Robot, weld-spark resistant, weld-spark resistant, Robot	YF2A24-100UW5XLEAX	2116868	
	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-100UB3XLEAX	2095609	
			Drag chain operation, Zones with oils and lubricants, Robot, weld-spark resistant, weld-spark resistant	YF2A14-100UW1XLEAX	2104885	
10 m, 4-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A24-100VB4XLEAX	2144087	
	Sensor/actuator cable, unshielded	–		YF2A14-100VB3XLEAX	2096236	
15 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-150UB4XLEAX	2144040	
	Sensor/actuator cable, unshielded	–		YF2A14-150UB3XLEAX	2095610	
15 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YF2A14-150VB3XLEAX	2096237	
1 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-010UB4XLEAX	2145731	
	Sensor/actuator cable, unshielded	–		YF2A14-010UB3XLEAX	2145655	
				YH2A14-010UB3XLEAX	2145669	
1 m, 4-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A24-010VB4XLEAX	2145743	
	Sensor/actuator cable, unshielded	–		YF2A14-010VB3XLEAX	2145708	
20 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-200UB4XLEAX	2105497	
	Sensor/actuator cable, unshielded	–		YF2A14-200UB3XLEAX	2095611	
20 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YF2A14-200VB3XLEAX	2096238	
25 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-250UB3XLEAX	2095615	

# Sensor-actuator cables

Cable	Description	Note	Application	Type	Part no.
25 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YF2A14-250VB3XLEAX	2114298
2 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-020UB4XLEAX	2105499
	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, weld-spark resistant, weld-spark resistant	YF2A14-020UB3XLEAX	2095607
	Only suitable for PNP sensors		Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-020UW1XLEAX	2104883
			Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YH2A14-020UB3XLEAX	2145670
2 m, 4-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A24-020VB4XLEAX	2145744
	Sensor/actuator cable, unshielded	–		YF2A14-020VB3XLEAX	2096234
30 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-300UB3XLEAX	2110921
30 m, 4-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A24-300VB4XLEAX	2127191
3 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-030UB4XLEAX	2145732
	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-030UB3XLEAX	2145656
				YH2A14-030UB3XLEAX	2145671
	Only suitable for PNP sensors				
3 m, 4-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A24-030VB4XLEAX	2145746
	Sensor/actuator cable, unshielded	–		YF2A14-030VB3XLEAX	2109405
4 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-040UB3XLEAX	2111269
50 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-500UB3XLEAX	2110919
50 m, 4-wire, PVC	Sensor/actuator cable, unshielded	–	Uncontaminated zones, Zones with chemicals	YF2A14-500VB3XLEAX	2139131
5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-050UB4XLEAX	2095729
	Sensor/actuator cable, unshielded	–	Drag chain operation, Zones with oils and lubricants, Robot, weld-spark resistant, weld-spark resistant	YF2A14-050UB3XLEAX	2095608
				YF2A14-050UW1XLEAX	2104884
	Only suitable for PNP sensors		Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YH2A14-050UB3XLEAX	2117127

Cable	Description	Note	Application	Type	Part no.
5 m, 4-wire, PVC	Sensor/actuator cable, shielded	–	Uncontaminated zones, Zones with chemicals	YF2A24-050VB4XLEAX	2096247
	Sensor/actuator cable, unshielded	–		YF2A14-050VB3XLEAX	2096235
6 m, 4-wire, PVC	Sensor/actuator cable, shielded	–		YF2A24-060VB4XLEAX	2116009

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.6 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A25-C60UB6XLEAX	2145581
	Sensor/actuator cable, unshielded		YF2A15-C60UB5XLEAX	2145539
			YH2A15-C60UB5XLEAX	2145534
0.6 m, 5-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A15-C60VB5XLEAX	2145570
1.5 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A25-015UB6XLEAX	2095833
10 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YF2A25-100UB6XLEAX	2095734
	Sensor/actuator cable, unshielded		YF2A15-100UB5XLEAX	2095619
			YH2A15-100UB5XLEAX	2115945
10 m, 5-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A15-100VB5XLEAX	2096241
15 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A15-150UB5XLEAX	2095620
15 m, 5-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A15-150VB5XLEAX	2096242
1 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A25-010UB6XLEAX	2145582
	Sensor/actuator cable, unshielded		YF2A15-010UB5XLEAX	2104366
			YH2A15-010UB5XLEAX	2145537
20 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YF2A25-200UB6XLEAX	2095738
	Sensor/actuator cable, unshielded		YF2A15-200UB5XLEAX	2095614
2 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YF2A25-020UB6XLEAX	2145583
	Sensor/actuator cable, unshielded		YF2A15-020UB5XLEAX	2095617
			YH2A15-020UB5XLEAX	2145538
2 m, 5-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A15-020VB5XLEAX	2096239
30 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A15-300UB5XLEAX	2095621
3 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YF2A25-030UB6XLEAX	2095834
	Sensor/actuator cable, unshielded		YF2A15-030UB5XLEAX	2104367
			YH2A15-030UB5XLEAX	2115941
3 m, 5-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A15-030VB5XLEAX	2145572

## Sensor-actuator cables

Cable	Description	Application	Type	Part no.
5 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A25-050UB6XLEAX	2095733
	Sensor/actuator cable, unshielded		YF2A15-050UB5XLEAX	2095618
			YF2A15-050UE3XLEAX	2140038
			YH2A15-050UB5XLEAX	2115944
5 m, 5-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A15-050VB5XLEAX	2096240
9 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A15-090UB5XLEAX	2095846

- **Connection type head A:** female connector, M12, 12-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 12-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Description	Type	Part no.
10 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YF2A2B-100UD3M2A2B	2148831
1 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	YF2A1B-010UD1M2A1B	2123369
2 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YF2A2B-020UD2M2A2	2131001
	Sensor/actuator cable, unshielded	YF2A1B-020UD1M2A1B	2123370
3 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	YF2A1B-030UD1M2A1B	2123371
5 m, 12-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YF2A2B-050UD3M2A2B	2148830
	Sensor/actuator cable, unshielded	YF2A1B-050UD1M2A1B	2123372

- **Connection type head A:** female connector, M12, 2-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
30 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A12-300UB1XLEAX	2099582

- **Connection type head A:** female connector, M12, 3-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Note	Application	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-C60UB1XLEAX	2145770
0.6 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YG2A13-C60VB1XLEAX	2145803
10 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-100UB1XLEAX	2095754
	Only suitable for PNP sensors	–	YI2A13-100UB1XLEAX	2143479
10 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YG2A13-100VB1XLEAX	2109896
15 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-150UB1XLEAX	2095755
1 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-010UB1XLEAX	2145771
1 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YG2A13-010VB1XLEAX	2145804
20 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-200UB1XLEAX	2095756
20 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YG2A13-200VB1XLEAX	2109899
2 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-020UB1XLEAX	2095752

## Sensor-actuator cables

Cable	Note	Application	Type	Part no.
2 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YG2A13-020VB1XLEAX	2145805
3 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-030UB1XLEAX	2145772
3 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YG2A13-030VB1XLEAX	2145807
5 m, 3-wire, PUR, halogen-free	–	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-050UB1XLEAX	2095753
	Only suitable for PNP sensors	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YI2A13-050UB1XLEAX	2143480
5 m, 3-wire, PVC	–	Uncontaminated zones, Zones with chemicals	YG2A13-050VB1XLEAX	2145806

- **Connection type head A:** female connector, M12, 2-pin, angled, A-coded
- **Connection type head B:** female connector, Molex, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Type	Part no.
PVC	Sensor/actuator cable, unshielded	YG2A15-C50S01MMLB3	2150250

- **Connection type head A:** female connector, M12, 8-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.5 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A28-C50VA6XLEAX	2145694
0.6 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A28-C60UA6XLEAX	2145488
	Sensor/actuator cable, unshielded		YG2A18-C60UA5XLEAX	2145381
0.6 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A28-C60VA6XLEAX	2145388
10 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A28-100UA6XLEAX	2114689
	Sensor/actuator cable, unshielded		YG2A18-100UA5XLEAX	2095781
10 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A28-100VA6XLEAX	2145391
15 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A18-150UA5XLEAX	2149335
1 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YG2A28-010UA6XLEAX	2145489
	Sensor/actuator cable, unshielded		YG2A18-010UA5XLEAX	2145382
1 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A28-010VA6XLEAX	2145389
20 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A28-200UA6XLEAX	2114688
2 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YG2A28-020UA6XLEAX	2145494
	Sensor/actuator cable, unshielded		YG2A18-020UA5XLEAX	2095779

Cable	Description	Application	Type	Part no.
2 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A28-020VA6XLEAX	2096218
3 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Ro- bot, Drag chain operation	YG2A28-030UA6XLEAX	2145497
	Sensor/actuator cable, unshielded		YG2A18-030UA5XLEAX	2145383
3 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A28-030VA6XLEAX	2145390
5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Ro- bot, Drag chain operation	YG2A28-050UA6XLEAX	2145496
	Sensor/actuator cable, unshielded		YG2A18-050UA5XLEAX	2095780
5 m, 8-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A28-050VA6XLEAX	2096219

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 5-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Note:** only suitable for PNP sensors
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
0.6 m, 5-wire, PUR, halogen-free	YI2A15-C60UB5XLEAX	2145544
10 m, 5-wire, PUR, halogen-free	YI2A15-100UB5XLEAX	2115652
1 m, 5-wire, PUR, halogen-free	YI2A15-010UB5XLEAX	2145548
2 m, 5-wire, PUR, halogen-free	YI2A15-020UB5XLEAX	2145549
3 m, 5-wire, PUR, halogen-free	YI2A15-030UB5XLEAX	2115633
5 m, 5-wire, PUR, halogen-free	YI2A15-050UB5XLEAX	2115651

- **Connection type head A:** female connector, M8, 3-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-C60UA1M2A13	2096134
0.6 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-C60VA1M2A13	2096604
10 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-100UA1M2A13	2146351
10 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-100VA1M2A13	2110093
1 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-010UA1M2A13	2106410
1 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-010VA1M2A13	2146381
20 m, 3-wire, PVC		YF8U13-200VA1M2A13	2110094
2 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-020UA1M2A13	2096169
2 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-020VA1M2A13	2096605
3 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-030UA1M2A13	2144589
3 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-030VA1M2A13	2110092
5 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-050UA1M2A13	2096170
5 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-050VA1M2A13	2096606

- **Connection type head A:** female connector, M8, 3-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 3-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-C60UA1N2A13	2146353
0.6 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-C60VA1N2A13	2146382

Cable	Application	Type	Part no.
10 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-100UA1N2A13	2111288
10 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-100VA1N2A13	2146384
1 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-010UA1N2A13	2146355
1 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-010VA1N2A13	2115588
2 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-020UA1N2A13	2111286
2 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-020VA1N2A13	2115589
3 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-030UA1N2A13	2146358
3 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-030VA1N2A13	2146385
4 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-040UA1N2A13	2111287
5 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-050UA1N2A13	2146357
5 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U13-050VA1N2A13	2146383

- Connection type head A:** female connector, M8, 4-pin, straight, A-coded
- Connection type head B:** male connector, M12, 4-pin, straight, A-coded
- Signal type:** Sensor/actuator cable
- Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-C60UA3M2A14	2096135
0.6 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U14-C60VA3M2A14	2096607
10 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-100UA3M2A14	2100804
10 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U14-100VA3M2A14	2096610
1 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-010UA3M2A14	2145835
1 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U14-010VA3M2A14	2145875
20 m, 4-wire, PVC		YF8U14-200VA3M2A14	2096611
2 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-020UA3M2A14	2096136
2 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U14-020VA3M2A14	2096608
3 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-030UA3M2A14	2100803
3 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U14-030VA3M2A14	2145876
5 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-050UA3M2A14	2096137
5 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF8U14-050VA3M2A14	2096609

## Sensor-actuator cables

- **Connection type head A:** female connector, M8, 4-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 4-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	YF8U14-C60UA3N2A14	2145836
10 m, 4-wire, PUR, halogen-free	YF8U14-100UA3N2A14	2111285
1 m, 4-wire, PUR, halogen-free	YF8U14-010UA3N2A14	2145837
2 m, 4-wire, PUR, halogen-free	YF8U14-020UA3N2A14	2111283
3 m, 4-wire, PUR, halogen-free	YF8U14-030UA3N2A14	2145839
5 m, 4-wire, PUR, halogen-free	YF8U14-050UA3N2A14	2145838

- **Connection type head A:** female connector, M8, 3-pin, angled, A-coded
- **Connection type head B:** male connector, M12, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U13-C60UA1M2A13	2095747
10 m, 3-wire, PUR, halogen-free		YG8U13-100UA1M2A13	2146361
1 m, 3-wire, PUR, halogen-free		YG8U13-010UA1M2A13	2106411
2 m, 3-wire, PUR, halogen-free		YG8U13-020UA1M2A13	2095748
3 m, 3-wire, PUR, halogen-free		YG8U13-030UA1M2A13	2146362
5 m, 3-wire, PUR, halogen-free		YG8U13-050UA1M2A13	2122842
	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YG8U13-050UA1M2A13	2146360

- **Connection type head A:** female connector, M8, 3-pin, angled, A-coded
- **Connection type head B:** male connector, M12, 3-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Uncontaminated zones, Zones with chemicals

Cable	Type	Part no.
0.6 m, 3-wire, PVC	YG8U13-C60VA1N2A13	2146391
10 m, 3-wire, PVC	YG8U13-100VA1N2A13	2146393
1 m, 3-wire, PVC	YG8U13-010VA1N2A13	2115602
2 m, 3-wire, PVC	YG8U13-020VA1N2A13	2115603
3 m, 3-wire, PVC	YG8U13-030VA1N2A13	2146394
5 m, 3-wire, PVC	YG8U13-050VA1N2A13	2146392

- **Connection type head A:** female connector, M8, 4-pin, angled, A-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Note	Type	Part no.
0.2 m, 4-wire, PUR, halogen-free	–	YG8U14-C20UA3M2A14	2139966
0.6 m, 4-wire, PUR, halogen-free	–	YG8U14-C60UA3M2A14	2096681
	Only suitable for PNP sensors	YI8U14-C60UA3M2A14	2122408
10 m, 4-wire, PUR, halogen-free	–	YG8U14-100UA3M2A14	2145843
	Only suitable for PNP sensors	YI8U14-100UA3M2A14	2145850
1 m, 4-wire, PUR, halogen-free	–	YG8U14-010UA3M2A14	2145842
	Only suitable for PNP sensors	YI8U14-010UA3M2A14	2145849
2 m, 4-wire, PUR, halogen-free	–	YG8U14-020UA3M2A14	2096682
	Only suitable for PNP sensors	YI8U14-020UA3M2A14	2122409
3 m, 4-wire, PUR, halogen-free	–	YG8U14-030UA3M2A14	2145844
	Only suitable for PNP sensors	YI8U14-030UA3M2A14	2123318
5 m, 4-wire, PUR, halogen-free	–	YG8U14-050UA3M2A14	2096683
	Only suitable for PNP sensors	YI8U14-050UA3M2A14	2122410

- **Connection type head A:** female connector, M12, 3-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-C60UB1M2A13	2095991
0.6 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A13-C60VB1M2A13	2096358
10 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-100UB1M2A13	2145786
10 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A13-100VB1M2A13	2113003
1 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-010UB1M2A13	2095992
1 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A13-010VB1M2A13	2112999
2 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-020UB1M2A13	2101346
2 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A13-020VB1M2A13	2096359
3 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-030UB1M2A13	2095994
3 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A13-030VB1M2A13	2113000
4 m, 3-wire, PVC		YF2A13-040VB1M2A13	2113001
5 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-050UB1M2A13	2095995
5 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A13-050VB1M2A13	2096360
6 m, 3-wire, PVC		YF2A13-060VB1M2A13	2113002

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 4-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-C50UB4M2A24	2121362
0.6 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YF2A24-C60UB4M2A24	2145740
	Sensor/actuator cable, unshielded		YF2A14-C60UB3M2A14	2095999
0.6 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A14-C60VB3M2A14	2096248
1.4 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-014UB3M2A14	2126057
1.5 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A14-015VB3M2A14	2096598
1.6 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-016UB3M2A14	2126058
1.7 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded		YF2A14-017UB3M2A14	2126059
1.9 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded		YF2A14-019UB3M2A14	2126061
10 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded		YF2A24-100UB4M2A24	2121366
	Sensor/actuator cable, unshielded		YF2A14-100UB3M2A14	2096002
10 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A14-100VB3M2A14	2096601
15 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF2A14-150VB3M2A14	2107717
1 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-010UB4M2A24	2121363
	Sensor/actuator cable, unshielded		YF2A14-010UB3M2A14	2095997
1 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A14-010VB3M2A14	2116005
				2110005
2.2 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-022UB3M2A14	2126063
2.5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded		YF2A14-025UB3M2A14	2125881
20 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A14-200VB3M2A14	2096602
2 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-020UB4M2A24	2121364
	Sensor/actuator cable, unshielded		YF2A14-020UB3M2A14	2096000
2 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A14-020VB3M2A14	2096599

Cable	Description	Application	Type	Part no.
3 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-030UB4M2A24	2124808
		Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-030UB4M2A24	2145741
	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-030UB3M2A14	2124806
3 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A14-030VB3M2A14	2114730
4 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF2A14-040VB3M2A14	2116006
5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A24-050UB4M2A24	2121365
	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-050UB3M2A14	2096001
5 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A14-050VB3M2A14	2096600
6 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-060UB3M2A14	2102153
6 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF2A14-060VB3M2A14	2116007
7 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF2A14-070VB3M2A14	2114731
8 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF2A14-080VB3M2A14	2116008

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 4-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 4-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-C60UB3N2A14	2095728
0.6 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A14-C60VB3N2A14	2145726
1.5 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-015UB3N2A14	2139064
10 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-100UB3N2A14	2096114
10 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A14-100VB3N2A14	2107731
15 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-150UB3N2A14	2096115
15 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A14-150VB3N2A14	2107733
1 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-010UB3N2A14	2107506
1 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A14-010VB3N2A14	2145727
2.5 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-025UB3N2A14	2139065
2 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-020UB3N2A14	2111263
2 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A14-020VB3N2A14	2145728
3 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-030UB3N2A14	2139066
3 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A14-030VB3N2A14	2145729
4 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-040UB3N2A14	2111264
5 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-050UB3N2A14	2095787
5 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A14-050VB3N2A14	2107728
7.5 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-075UB3N2A14	2139067

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.2 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A14-C20UB3M2A14	2096013

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 5-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.15 m, 5-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A15-C15UB5M2A15	2096004
0.6 m, 5-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A15-C60UB5M2A15	2096006
1.5 m, 5-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A15-015UB5M2A15	2096008
10 m, 5-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A15-100UB5M2A15	2096011

Cable	Application	Type	Part no.
15 m, 5-wire, PUR, halogen-free		YF2A15-150UB5M2A15	2096171
1 m, 5-wire, PUR, halogen-free		YF2A15-010UB5M2A15	2096007
20 m, 5-wire, PUR, halogen-free		YF2A15-200UB5M2A15	2095844
2 m, 5-wire, PUR, halogen-free		YF2A15-020UB5M2A15	2096009
30 m, 5-wire, PUR, halogen-free		YF2A15-300UB5M2A15	2095845
3 m, 5-wire, PUR, halogen-free		YF2A15-030UB5M2A15	2104350
40 m, 5-wire, PUR, halogen-free		YF2A15-400UB5M2A15	2112854
4 m, 5-wire, PVC	Uncontaminated zones, Zones with chemicals	YF2A15-040VB5M2A15	2127687
5 m, 5-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A15-050UB5M2A15	2096010
		YF2A15-050UE3M2A15	2140039

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 8-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Description	Type	Part no.
0.25 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	YF2A18-C25UA5M2A18	2108995
0.5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	YF2A18-C50UA5M2A18	2108996
0.6 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	YF2A18-C60UA5M2A18	2096031
1.5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	YF2A18-015UA5M2A18	2096012
10 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YF2A28-100UA6M2A28	2096109
	Sensor/actuator cable, unshielded	YF2A18-100UA5M2A18	2096035
15 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YF2A28-150UA6M2A28	2127609
	Sensor/actuator cable, unshielded	YF2A18-150UA5M2A18	2104374
1 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YF2A28-010UA6M2A28	2096108
	Sensor/actuator cable, unshielded	YF2A18-010UA5M2A18	2096032
2.5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	YF2A18-025UA5M2A18	2108997
2 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YF2A28-020UA6M2A28	2096105
	Sensor/actuator cable, unshielded	YF2A18-020UA5M2A18	2096033
3 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YF2A28-030UA6M2A28	2145504
	Sensor/actuator cable, unshielded	YF2A18-030UA5M2A18	2104373
5 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YF2A28-050UA6M2A28	2096106
	Sensor/actuator cable, unshielded	YF2A18-050UA5M2A18	2096034

- **Connection type head A:** female connector, M12, 8-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 8-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
1 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF2A28-010UA6N2A28	2151462

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 3-pin, angled, A-coded
- **Connection type head B:** male connector, M12, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.6 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-C60UB1M2A13	2095737
0.6 m, 3-wire, PVC	Uncontaminated zones, Drag chain operation, Zones with chemicals	YG2A13-C60VB1M2A13	2145808
1.5 m, 3-wire, PVC		YG2A13-015VB1M2A13	2145477
10 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-100UB1M2A13	2145794
10 m, 3-wire, PVC	Uncontaminated zones, Drag chain operation, Zones with chemicals	YG2A13-100VB1M2A13	2145809
1 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-010UB1M2A13	2095877
1 m, 3-wire, PVC	Uncontaminated zones, Drag chain operation, Zones with chemicals	YG2A13-010VB1M2A13	2104381
2.5 m, 3-wire, PVC		YG2A13-025VB1M2A13	2145478
2 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-020UB1M2A13	2095993
2 m, 3-wire, PVC	Uncontaminated zones, Drag chain operation, Zones with chemicals	YG2A13-020VB1M2A13	2104382
3 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-030UB1M2A13	2145795
3 m, 3-wire, PVC	Uncontaminated zones, Drag chain operation, Zones with chemicals	YG2A13-030VB1M2A13	2113004
4 m, 3-wire, PVC		YG2A13-040VB1M2A13	2113005
5 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A13-050UB1M2A13	2095996
5 m, 3-wire, PVC	Uncontaminated zones, Drag chain operation, Zones with chemicals	YG2A13-050VB1M2A13	2104383

- **Connection type head A:** female connector, M12, 4-pin, angled, A-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-C60UB3M2A14	2095740
0.6 m, 4-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A24-C60VB4M2A24	2116869
1.5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-015UB3M2A14	2149556
10 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded		YG2A14-100UB3M2A14	2123719
10 m, 4-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A24-100VB4M2A24	2145755
1 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-010UB3M2A14	2105323
1 m, 4-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A24-010VB4M2A24	2145753

Cable	Description	Application	Type	Part no.
2 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-020UB3M2A14	2095741
2 m, 4-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A24-020VB4M2A24	2117712
3 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-030UB3M2A14	2145701
3 m, 4-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A24-030VB4M2A24	2145756
5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG2A14-050UB3M2A14	2095857
5 m, 4-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YG2A24-050VB4M2A24	2145754

- Connection type head A:** female connector, M12, 4-pin, angled, A-coded
- Connection type head B:** male connector, M12, 4-pin, angled, A-coded
- Signal type:** Sensor/actuator cable
- Description:** Sensor/actuator cable, unshielded
- Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Note	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	–	YG2A14-C60UB3N2A14	2145702
	Only suitable for PNP sensors	YI2A14-C60UB3N2A14	2095788
1.5 m, 4-wire, PUR, halogen-free	–	YG2A14-015UB3N2A14	2139068
10 m, 4-wire, PUR, halogen-free	–	YG2A14-100UB3N2A14	2111267
	Only suitable for PNP sensors	YI2A14-100UB3N2A14	2145705
1 m, 4-wire, PUR, halogen-free	–	YG2A14-010UB3N2A14	2107519
	Only suitable for PNP sensors	YI2A14-010UB3N2A14	2108472
2.5 m, 4-wire, PUR, halogen-free	–	YG2A14-025UB3N2A14	2139069
2 m, 4-wire, PUR, halogen-free	–	YG2A14-020UB3N2A14	2111265
	Only suitable for PNP sensors	YI2A14-020UB3N2A14	2095790
3 m, 4-wire, PUR, halogen-free	–	YG2A14-030UB3N2A14	2139070
	Only suitable for PNP sensors	YI2A14-030UB3N2A14	2145706
4 m, 4-wire, PUR, halogen-free	–	YG2A14-040UB3N2A14	2111266
5 m, 4-wire, PUR, halogen-free	–	YG2A14-050UB3N2A14	2145703
	Only suitable for PNP sensors	YI2A14-050UB3N2A14	2145704
7.5 m, 4-wire, PUR, halogen-free	–	YG2A14-075UB3N2A14	2139071

## Sensor-actuator cables

- **Connection type head A:** female connector, M12, 5-pin, angled, A-coded
- **Connection type head B:** male connector, M12, 5-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Description	Note	Type	Part no.
0.6 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	YG2A25-C60UB6M2A25	2145620
	Sensor/actuator cable, unshielded	–	YG2A15-C60UB5M2A15	2095600
		Only suitable for PNP sensors	YI2A15-C60UB5M2A15	2145556
10 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	YG2A25-100UB6M2A25	2145625
	Sensor/actuator cable, unshielded	–	YG2A15-100UB5M2A15	2145553
		Only suitable for PNP sensors	YI2A15-100UB5M2A15	2145560
1 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	YG2A25-010UB6M2A25	2145621
	Sensor/actuator cable, unshielded	–	YG2A15-010UB5M2A15	2145552
		Only suitable for PNP sensors	YI2A15-010UB5M2A15	2145558
2 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	YG2A25-020UB6M2A25	2105244
	Sensor/actuator cable, unshielded	–	YG2A15-020UB5M2A15	2095601
		Only suitable for PNP sensors	YI2A15-020UB5M2A15	2096138
3 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	YG2A25-030UB6M2A25	2145626
	Sensor/actuator cable, unshielded	–	YG2A15-030UB5M2A15	2145554
		Only suitable for PNP sensors	YI2A15-030UB5M2A15	2123319
5 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, shielded	–	YG2A25-050UB6M2A25	2145623
	Sensor/actuator cable, unshielded	–	YG2A15-050UB5M2A15	2095602
		Only suitable for PNP sensors	YI2A15-050UB5M2A15	2123320

- **Connection type head A:** female connector, M12, 8-pin, angled, A-coded
- **Connection type head B:** male connector, M12, 8-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Description	Type	Part no.
1 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	YG2A18-C50UA5M2A18	2129773
3 m, 8-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YG2A28-030UA6M2A28	2123373

- **Connection type head A:** male connector, M8, 4-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Description	Type	Part no.
0.5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	YM8U24-C50UB4XLEAX	2113411
5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	YM8U14-050UA3XLEAX	2119401

- **Connection type head A:** male connector, M12, 4-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.5 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A14-C50UB3XLEAX	2114675
0.6 m, 4-wire, PUR, halogen-free		YM2A24-C50UB4XLEAX	2114712
0.6 m, 4-wire, PVC		YM2A14-C60UB3XLEAX	2145662
0.6 m, 4-wire, PVC		YM2A24-C60UB4XLEAX	2145738
10 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A14-100UB3XLEAX	2095859
15 m, 4-wire, PUR, halogen-free		YM2A24-100UB4XLEAX	2114708
15 m, 4-wire, PVC		YM2A14-150UB3XLEAX	2095866
1 m, 4-wire, PUR, halogen-free		YM2A14-010UB3XLEAX	2114674
1 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YM2A24-010UB4XLEAX	2114711
2 m, 4-wire, PUR, halogen-free		YM2A14-020UB3XLEAX	2095867
2 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YM2A24-020UB4XLEAX	2114710
3 m, 4-wire, PUR, halogen-free		YM2A14-030UB3XLEAX	2145663
3 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YM2A24-030UB4XLEAX	2145739
4 m, 4-wire, PUR, halogen-free		YM2A14-040VB3XLEAX	2116012
5 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A14-050UB3XLEAX	2095858
5 m, 4-wire, PVC		YM2A24-050UB4XLEAX	2114709
6 m, 4-wire, PVC		YM2A14-050VB3XLEAX	2095616
8 m, 4-wire, PVC		YM2A14-060VB3XLEAX	2116015
		YM2A14-080VB3XLEAX	2116016

## Sensor-actuator cables

- **Connection type head A:** male connector, M12, 4-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.6 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YN2A14-C60UB3XLEAX	2145664
0.6 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YN2A14-C60VB3XLEAX	2145714
10 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YN2A14-100UB3XLEAX	2096629
10 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YN2A14-100VB3XLEAX	2145718
1 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YN2A14-010UB3XLEAX	2145665
1 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YN2A14-010VB3XLEAX	2145715
2 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YN2A14-020UB3XLEAX	2145666
2 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YN2A14-020VB3XLEAX	2145716
3 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YN2A14-030UB3XLEAX	2145667
3 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YN2A14-030VB3XLEAX	2107734
5 m, 4-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YN2A14-050UB3XLEAX	2096628
5 m, 4-wire, PVC	Uncontaminated zones, Zones with chemicals	YN2A14-050VB3XLEAX	2145717

- **Connection type head A:** male connector, M12, 8-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, shielded

Cable	Application	Type	Part no.
0.6 m, 8-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YN2A28-C60UA6XLEAX	2145498
10 m, 8-wire, PUR, halogen-free		YN2A28-100UA6XLEAX	2095794
1 m, 8-wire, PUR, halogen-free		YN2A28-010UA6XLEAX	2145499
2 m, 8-wire, PUR, halogen-free		YN2A28-020UA6XLEAX	2145500
3 m, 8-wire, PUR, halogen-free		YN2A28-030UA6XLEAX	2145502
5 m, 8-wire, PUR, halogen-free	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YN2A28-050UA6XLEAX	2094786
			2145501

- **Connection type head A:** female connector, M8, 3-pin, straight, A-coded
- **Connection type head B:** male connector, M8, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.15 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-C15UA1M8U13	2112959
0.3 m, 3-wire, PUR, halogen-free		YF8U13-C30UA1M8U13	2095961
0.3 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals, Robot	YF8U13-C30VA1M8U13	2113412

Cable	Application	Type	Part no.
0.5 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-C50UA1M8U13	2096300
0.6 m, 3-wire, PUR, halogen-free		YF8U13-C60UA1M8U13	2096298
0.6 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals, Robot	YF8U13-C60VA1M8U13	2146386
1.5 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-015UA1M8U13	2096302
10 m, 3-wire, PUR, halogen-free		YF8U13-100UA1M8U13	2096309
10 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals, Robot	YF8U13-100VA1M8U13	2146389
1 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-010UA1M8U13	2096301
1 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals, Robot	YF8U13-010VA1M8U13	2137322
2.5 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-025UA1M8U13	2096305
20 m, 3-wire, PUR, halogen-free		YF8U13-200UA1M8U13	2096310
2 m, 3-wire, PUR, halogen-free		YF8U13-020UA1M8U13	2096304
2 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals, Robot	YF8U13-020VA1M8U13	2137324
3 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-030UA1M8U13	2096306
3 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals, Robot	YF8U13-030VA1M8U13	2146390
4 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-040UA1M8U13	2127661
5 m, 3-wire, PUR, halogen-free		YF8U13-050UA1M8U13	2096308
5 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals, Robot	YF8U13-050VA1M8U13	2146388
6 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-060UA1M8U13	2129093
6 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals, Robot	YF8U13-060VA1M8U13	2127659
7 m, 3-wire, PVC		YF8U13-070VA1M8U13	2127660

## Sensor-actuator cables

- **Connection type head A:** female connector, M8, 3-pin, straight, A-coded
- **Connection type head B:** male connector, M8, 3-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.1 m, 3-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U13-C10UA1N8U13	2095990

- **Connection type head A:** female connector, M8, 4-pin, straight, A-coded
- **Connection type head B:** male connector, M8, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
0.3 m, 4-wire, PUR, halogen-free	YF8U14-C30UA1M8U13	2107782
0.6 m, 4-wire, PUR, halogen-free	YF8U14-C60UA1M8U13	2107784
1.5 m, 4-wire, PUR, halogen-free	YF8U14-015UA1M8U13	2114278
10 m, 4-wire, PUR, halogen-free	YF8U14-100UA1M8U13	2124580
1 m, 4-wire, PUR, halogen-free	YF8U14-010UA1M8U13	2107785
2 m, 4-wire, PUR, halogen-free	YF8U14-020UA1M8U13	2107786
3 m, 4-wire, PUR, halogen-free	YF8U14-030UA1M8U13	2124577
5 m, 4-wire, PUR, halogen-free	YF8U14-050UA1M8U13	2124578
6 m, 4-wire, PUR, halogen-free	YF8U14-060UA1M8U13	2144412

- **Connection type head A:** female connector, M8, 4-pin, straight, A-coded
- **Connection type head B:** male connector, M8, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
0.3 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U24-C30UB4M8U24	2113413
	Sensor/actuator cable, unshielded		YF8U14-C30UA3M8U14	2126078
0.3 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-C30VA3M8U14	2147428
0.6 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-C60UA3M8U14	2096346
0.6 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-C60VA3M8U14	2096612
1.5 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF8U14-015VA3M8U14	2096613
10 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-100UA3M8U14	2145840
10 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-100VA3M8U14	2128407
15 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-150UA3M8U14	2127614

Cable	Description	Application	Type	Part no.
15 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-150VA3M8U14	2144411
1 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U24-010UB4M8U24	2127625
	Sensor/actuator cable, unshielded		YF8U14-010UA3M8U14	2143896
1 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-010VA3M8U14	2124548
2.5 m, 4-wire, PVC	Sensor/actuator cable, unshielded		YF8U14-025VA3M8U14	2139063
2 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-020UA3M8U14	2096347
2 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-020VA3M8U14	2096614
3 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-030UA3M8U14	2124222
		Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-030UA3M8U14	2145841
3 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-030VA3M8U14	2096615
4 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, shielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U24-040UB4M8U24	2127613
	Sensor/actuator cable, unshielded		YF8U14-040UA3M8U14	2127833
4 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-040VA3M8U14	2127658
5 m, 4-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF8U14-050UA3M8U14	2096348
5 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YF8U14-050VA3M8U14	2137316

## Sensor-actuator cables

- **Connection type head A:** female connector, M8, 3-pin, angled, A-coded
- **Connection type head B:** male connector, M8, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.15 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U13-C15UA1M8U13	2112960
0.3 m, 3-wire, PUR, halogen-free		YG8U13-C30UA1M8U13	2107778
0.6 m, 3-wire, PUR, halogen-free		YG8U13-C60UA1M8U13	2107779
1.5 m, 3-wire, PUR, halogen-free		YG8U13-015UA1M8U13	2108540
10 m, 3-wire, PUR, halogen-free		YG8U13-100UA1M8U13	2124571
		YG8U13-100UA1M8U13	2146364
1 m, 3-wire, PUR, halogen-free		YG8U13-010UA1M8U13	2107780
2 m, 3-wire, PUR, halogen-free		YG8U13-020UA1M8U13	2107781
3 m, 3-wire, PUR, halogen-free		YG8U13-030UA1M8U13	2124563
		YG8U13-030UA1M8U13	2146365
5 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YG8U13-050UA1M8U13	2124570
	Uncontaminated zones, Zones with oils and lubricants, Robot, Drag chain operation	YG8U13-050UA1M8U13	2146363

- **Connection type head A:** female connector, M8, 4-pin, angled, A-coded
- **Connection type head B:** male connector, M8, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
0.3 m, 3-wire, PUR, halogen-free	YG8U14-C30UA1M8U13	2114279
0.6 m, 3-wire, PUR, halogen-free	YG8U14-C60UA1M8U13	2107806
10 m, 3-wire, PUR, halogen-free	YG8U14-100UA1M8U13	2124576
1 m, 3-wire, PUR, halogen-free	YG8U14-010UA1M8U13	2107807
2 m, 3-wire, PUR, halogen-free	YG8U14-020UA1M8U13	2107810
3 m, 3-wire, PUR, halogen-free	YG8U14-030UA1M8U13	2124574
5 m, 3-wire, PUR, halogen-free	YG8U14-050UA1M8U13	2124575

- **Connection type head A:** female connector, M8, 4-pin, angled, A-coded
- **Connection type head B:** male connector, M8, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
1.5 m, 4-wire, PUR, halogen-free	YG8U14-015UA3M8U14	2148716
1 m, 4-wire, PUR, halogen-free	YG8U14-010UA3M8U14	2127691

- **Connection type head A:** female connector, M12, 3-pin, straight, A-coded
- **Connection type head B:** male connector, M8, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.3 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-C30UA1M8U13	2108497
0.6 m, 3-wire, PUR, halogen-free		YF2A13-C60UA1M8U13	2095731
10 m, 3-wire, PUR, halogen-free		YF2A13-100UA1M8U13	2110759
1 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot	YF2A13-010UA1M8U13	2107811
2 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-020UA1M8U13	2095732
3 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YF2A13-030UA1M8U13	2110760
5 m, 3-wire, PUR, halogen-free		YF2A13-050UA1M8U13	2095735

- **Connection type head A:** female connector, M12, 3-pin, angled, A-coded
- **Connection type head B:** male connector, M8, 3-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation

Cable	Type	Part no.
0.3 m, 3-wire, PUR, halogen-free	YG2A13-C30UA1M8U13	2107812
0.6 m, 3-wire, PUR, halogen-free	YG2A13-C60UA1M8U13	2107813
10 m, 3-wire, PUR, halogen-free	YG2A13-100UA1M8U13	2110756
1 m, 3-wire, PUR, halogen-free	YG2A13-010UA1M8U13	2096107
2 m, 3-wire, PUR, halogen-free	YG2A13-020UA1M8U13	2099607
3 m, 3-wire, PUR, halogen-free	YG2A13-030UA1M8U13	2110757
5 m, 3-wire, PUR, halogen-free	YG2A13-050UA1M8U13	2110758

- **Connection type head A:** male connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 5-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
1 m, 5-wire, PUR, halogen-free	Sensor/actuator cable, unshielded	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM2A15-010UB5M2A15	2124510

- **Connection type head A:** female connector, M8, 4-pin, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Note:** only suitable for PNP sensors
- **Application:** Uncontaminated zones, Zones with chemicals

Cable	Type	Part no.
0.6 m, 4-wire, PVC	YI8U14-C60VA3XLEAX	2145858
10 m, 4-wire, PVC	YI8U14-100VA3XLEAX	2104955
1 m, 4-wire, PVC	YI8U14-010VA3XLEAX	2145859

Cable	Type	Part no.
2 m, 4-wire, PVC	YI8U14-020VA3XLEAX	2145865
3 m, 4-wire, PVC	YI8U14-030VA3XLEAX	2145867
5 m, 4-wire, PVC	YI8U14-050VA3XLEAX	2145866

- **Connection type head A:** male connector, M8, 3-pin, straight, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded

Cable	Application	Type	Part no.
0.6 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YM8U13-C60VA1XLEAX	2146373
10 m, 3-wire, PVC		YM8U13-100VA1XLEAX	2096227
1 m, 3-wire, PVC		YM8U13-010VA1XLEAX	2146374
2 m, 3-wire, PVC		YM8U13-020VA1XLEAX	2096225
3 m, 3-wire, PVC		YM8U13-030VA1XLEAX	2137320
5 m, 3-wire, PUR, halogen-free	Drag chain operation, Zones with oils and lubricants, Robot, Drag chain operation	YM8U13-050UA1XLEAX	2134996
5 m, 3-wire, PVC	Uncontaminated zones, Zones with chemicals	YM8U13-050VA1XLEAX	2096226
8 m, 3-wire, PVC		YM8U13-080VA1XLEAX	2137332

- **Connection type head A:** male connector, M8, 3-pin, angled, A-coded
- **Connection type head B:** Flying leads
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Uncontaminated zones, Zones with chemicals

Cable	Type	Part no.
0.6 m, 3-wire, PVC	YN8U13-C60VA1XLEAX	2146375
10 m, 3-wire, PVC	YN8U13-100VA1XLEAX	2146379
1 m, 3-wire, PVC	YN8U13-010VA1XLEAX	2146376
2 m, 3-wire, PVC	YN8U13-020VA1XLEAX	2146378
3 m, 3-wire, PVC	YN8U13-030VA1XLEAX	2146380
5 m, 3-wire, PVC	YN8U13-050VA1XLEAX	2137959

- **Connection type head A:** female connector, M12, 5-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 5-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Uncontaminated zones, Zones with chemicals

Cable	Type	Part no.
0.6 m, 5-wire, PVC	YF2A15-C60VB5N2A15	2145576
0.7 m, 5-wire, PVC	YF2A15-030VB5N2A15	2131120
		2099602
10 m, 5-wire, PVC	YF2A15-100VB5N2A15	2145580
1 m, 5-wire, PVC	YF2A15-010VB5N2A15	2145577
2 m, 5-wire, PVC	YF2A15-020VB5N2A15	2145578

Cable	Type	Part no.
5 m, 5-wire, PVC	YF2A15-050VB5N2A15	2145579

- **Connection type head A:** female connector, M12, 12-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 12-pin, straight
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
5 m, 12-wire, PVC	Sensor/actuator cable, shielded	Uncontaminated zones, Zones with chemicals	YF2A2B-050VH2M2A2B	2130957

- **Connection type head A:** female connector, M12, 3-pin, angled, A-coded
- **Connection type head B:** male connector, M12, 3-pin, angled, A-coded
- **Signal type:** Sensor/actuator cable
- **Description:** Sensor/actuator cable, unshielded
- **Application:** Uncontaminated zones, Zones with chemicals

Cable	Type	Part no.
0.6 m, 3-wire, PVC	YG2A13-060VB1N2A13	2145810
10 m, 3-wire, PVC	YG2A13-100VB1N2A13	2145813
1 m, 3-wire, PVC	YG2A13-010VB1N2A13	2115587
2 m, 3-wire, PVC	YG2A13-020VB1N2A13	2145811
3 m, 3-wire, PVC	YG2A13-030VB1N2A13	2145814
5 m, 3-wire, PVC	YG2A13-050VB1N2A13	2145812

- **Connection type head A:** male connector, M12, 4-pin, straight, A-coded
- **Connection type head B:** male connector, M12, 4-pin, straight, A-coded
- **Signal type:** Sensor/actuator cable

Cable	Description	Application	Type	Part no.
4 m, 4-wire, PVC	Sensor/actuator cable, unshielded	Uncontaminated zones, Zones with chemicals	YM2A14- 040VB3M2A14	2117625

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SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

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