



## Y- and T-splitters

Splitter for signal consolidation and structured cabling

**SICK**  
Sensor Intelligence.



## Product description

When wiring devices, one or more branches are often necessary, e.g., for collecting, connecting or distributing signals.

An attractive solution for optimizing the wiring in these cases is the use of a Y- or T-piece, as these splitters enable a fast and reliable connection.

SICK offers a wide range of different variants as well as the ability to implement custom solutions quickly and efficiently.

## At a glance

- Y and T designs for different cable runs
- With or without cable branching
- M8 and M12 connection
- 3-, 4-, 5- and 8-pin plug connectors

## Your benefits

- Sicherheit – Professionelle Umsetzung individueller und komplexer Lösungen
- Robustheit – Beständig gegen diverse Substanzen, mechanische Belastungen und Umwelteinflüsse
- Flexibilität – Kundenspezifische Lösungen auf Anfrage
- Bauform – Kompakt, platzsparend und flexibel einsetzbar
- Installation – Kosten- und materialoptimiert
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## Ordering information

Other models and accessories → [www.sick.com/Y-\\_and\\_T-splitters](http://www.sick.com/Y-_and_T-splitters)

- **Connection type head A:** male connector, D-Sub, 9-pin, straight, male connector, D-Sub, 9-pin, straight
- **Connection type head B:** male connector, M12, straight

Cable	Type	Part no.
3 m	Data connection cable RS-232	2031393
6 m	Data connection cable RS-232	2044161

- **Connection type head A:** male connector, D-Sub, 15-pin, Form A
- **Connection type head B:** female connector, M12, 8-pin, A-coded
- **Connection type head C:** female connector, M12, 8-pin, A-coded
- **Description:** shielded

Cable	Type	Part no.
0.3 m, for details see dimensional drawings, PVC	FX3-MOC Y-CABLE	2116199
0.6 m, for details see dimensional drawings, PVC	FX3-MOC Y-CABLE	2094381
2.4 m, for details see dimensional drawings, PVC	FX3-MOC Y-CABLE	2117540
3.4 m, for details see dimensional drawings, PVC	FX3-MOC Y-CABLE	2117541
3 m, for details see dimensional drawings, PVC	FX3-MOC Y-CABLE	2100634

- **Connection type head A:** male connector, M12, 2-pin, A-coded

Connection type head B	Connection type head C	Cable	Description	Type	Part no.
Female connector, M12, 4-pin, A-coded	Male connector, M12, 4-pin, A-coded	2 m, PVC	Unshielded	JD4-TM122000D	4054495

- **Connection type head A:** male connector, M12, 5-pin, A-coded

Connection type head B	Connection type head C	Description	Type	Part no.
Female connector, M12, 4-pin, A-coded	Female connector, M12, 4-pin, A-coded	Unshielded	SB0-02C12-SF	6041320
			YM2A15-000S01FY2A4	2099600
Female connector, M12, 5-pin, A-coded	Female connector, M12, 3-pin, A-coded	Unshielded	YM2A15-000S01FY2A5	2099606
		Male insert rotated by 90°, unshielded	SB0-02D12-SFS01	6041319
	Female connector, M12, 5-pin, A-coded	Unshielded	SAC-5P-M12Y / 2xM12FS VP	6026517
			SB0-02D12-SF	6028392
	Male connector, M12, 5-pin, A-coded	Unshielded	Y-CAN cable	6042167

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

Connection type head B	Connection type head C	Cable	Description	Note	Type	Part no.
Flying leads	Flying leads	2 m, PUR	Shielded	–	YF2A28-020XXXXLEAX Y-junctions	6048329

Connection type head B	Connection type head C	Cable	Description	Note	Type	Part no.
Female connector, M12, 12-pin, A-coded	Male connector, M12, 12-pin, A-coded	PVC	Shielded	–	T distributor for Inspector	6034950
Female connector, M12, 4-pin, D-coded	Male connector, M12, 4-pin, A-coded	–	Shielded	–	SYL-1208-G0M	6064008
		0.15 m, 4-wire, PUR, halogen-free	Shielded	–	YF2A28-C15S01XY2C4	2122940
Female connector, M12, 5-pin, A-coded	Male connector, M12, 5-pin, A-coded	–	Unshielded	–	STR1-XXA	5339609
				Y-junction for serial connection of T4000 Direct	T40-A2191N	6035520
Female connector, M12, 8-pin, A-coded	Male connector, M12, 8-pin, A-coded	–	Unshielded	–	DSC-1208T000025KM0	6058647
					SBO-02F12-SM	6029306
Male connector, M12, 4-pin, A-coded	Male connector, M12, 4-pin, A-coded	0.15 m, 4-wire, PUR	Unshielded	–	YF2A17-C15S01MY2AX	2143264

- **Connection type head A:** female connector, M12, 4-pin, A-coded
- **Description:** unshielded

Connection type head B	Connection type head C	Cable	Note	Type	Part no.
Female connector, M12, 4-pin, A-coded	Male connector, M12, 4-pin, A-coded	–	Y-junction for serial connection of IN4000 Standard	IN40-A2121N	5315025
Female connector, M12, 5-pin, A-coded	Male connector, M12, 2-pin, A-coded	–	–	T-junctions	6058934
Male connector, M12, 3-pin, A-coded	Male connector, M12, 3-pin, A-coded	0.3 m, PVC	–	SYL-1205-G0M3	6043534

- **Connection type head A:** female connector, M12, 5-pin, A-coded

Connection type head B	Connection type head C	Cable	Description	Note	Type	Part no.
Female connector, 7/8", 5-pin	Male connector, 7/8", 5-pin	–	Unshielded	–	SD0-02D78-SF	6028330
Female connector, M12, 4-pin, A-coded	Male connector, M12, 4-pin, A-coded	0.3 m, 4-wire, PUR, halogen-free	Unshielded, For connecting the sender and receiver unit for through-beam photo	–	YM2A15-C30UB3FY2A4	2148037

Connection type head B	Connection type head C	Cable	Description	Note	Type	Part no.
			toelectric sensor			
Female connector, M12, 5-pin, A-coded	–	0.5 m, 5-wire	–	–	Y-CAN cable	6027647
	Male connector, M12, 4-pin, A-coded	–	Unshielded	–	SB0-02G12-SM	6029305
	Male connector, M12, 5-pin, A-coded	–	Unshielded	–	DSC-1205T000025KM0	6030664
		0.5 m, TPU	Shielded	–	Y-CAN cable	6083185
Female connector, M12, 8-pin, A-coded	Male connector, M12, 5-pin, A-coded	–	Unshielded	For connecting on IO-Link-Master	SB0-02F12-SM2	6053283
	Male connector, M12, 8-pin, A-coded	–	Unshielded	For connecting of a PLC	SB0-02F12-SM1	6053172

- **Connection type head A:** female connector, M12, 5-pin

Connection type head B	Type	Part no.
Male connector, M12, 5-pin	Y-CAN cable	6053676

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

Connection type head C	Items supplied	Cable	Description	Note	Type	Part no.
Female connector, M12, 8-pin, A-coded	–	–	Shielded	–	YM2A28-000000FY2A8	2123351
			Unshielded	–	YM2A18-000000FY2A8	2114648
					YM2A18-000S01FY2A8	2103333
Female connector, M8, 4-pin, A-coded	Cable A: YM2A28-C20UA6F2A28 (6079346), cable B: YM2A18-C20UA3F8U14 (6079404), Y-distributor: YM2A28-000000FY (2123351)	0.2 m, PUR, halogen-free	Shielded	–	YM2A28-C20S01MYAAX	2124388
Male connector, M12, 8-pin, A-coded	–	–	–	Parallel connected	SB0-02F12-SF	6026503

- **Connection type head A:** female connector, D-Sub, 9-pin
- **Connection type head B:** male connector, RJ45
- **Description:** unshielded

Cable	Note	Type	Part no.
2.4 m	External power supply unit required, connection at the D-Sub present	Connection cable (male connector - female connector)	6033047
4.5 m, coiled cable	Additional power supply unit required (42203758-06E)		6025954

- **Connection type head A:** male connector, M12, 4-pin, A-coded
- **Description:** unshielded

Connection type head B	Connection type head C	Cable	Note	Type	Part no.
Female connector, M12, 3-pin, A-coded	Female connector, M12, 3-pin, A-coded	2 m, PUR, halogen-free	–	SBO-02C12-KC02	6034489
Female connector, M12, 4-pin, A-coded	Female connector, M12, 4-pin, A-coded	0.11 m, PVC	–	SYL-1204-G0M11-X1	6055011
	Male connector, M12, 4-pin, A-coded	0.3 m, PUR	Signal interrogation	DSL-1204-T0M3	6011682
		0.3 m, PUR, halogen-free	Signal interrogation and logic interrupt	DSL-1104-T0M3	6011683
Female connector, M8, 3-pin, A-coded	Female connector, M8, 3-pin, A-coded	–	–	SBO-02C08-SF	6028393
Female connector, M8, 4-pin, A-coded	Female connector, M8, 4-pin, A-coded	0.11 m, PVC	–	SYL-8204-G0M11-X2	6055012

- **Connection type head A:** female connector, M8, 4-pin, A-coded
- **Connection type head B:** male connector, M8, 3-pin, A-coded
- **Connection type head C:** male connector, M8, 3-pin, A-coded
- **Description:** unshielded

Cable	Type	Part no.
–	YF8U14-000S01MY8A3	2107428
0.04 m	SBO-02C08-KBD	6033794

- **Connection type head A:** male connector, M8, 2-pin, straight, A-coded

Connection type head B	Connection type head C	Cable	Description	Type	Part no.
Male connector, M12, 5-pin, straight, A-coded	Female connector, M12, 5-pin, A-coded	2 m, PUR	Shielded	YM2A25-020S01XYAY5	2148072

- **Connection type head A:** male connector, M8, 4-pin, A-coded
- **Connection type head B:** female connector, M8, 3-pin, A-coded
- **Connection type head C:** female connector, M8, 3-pin, A-coded
- **Cable:** 0.3 m, 3-wire, PUR, halogen-free
- **Description:** unshielded

Items supplied	Type	Part no.
-	YM8U14-C30UA1FY8A3	2122298
100 pieces package (2122298)	YM8U14-C30P01FY8A3	2148934

## SICK AT A GLANCE

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.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

**For us, that is “Sensor Intelligence.”**

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)