

## C4P-EA04531C00 deTec

SICK Sensor Intelligence.

**SAFETY LIGHT CURTAINS** 

### C4P-EA04531C00 | deTec

SAFETY LIGHT CURTAINS



### Ordering information

Note	Resolution	Scanning range	Protective field height	System part	Туре	Part no.
The system plug has to be ordered separate- ly. For de- tails, see "Ac- cessories".	30 mm	30 m	450 mm	Receiver	C4P- EA04531C00	1220138

Illustration may differ



The system plug has to be ordered separately. For details, see "Accessories".

Other models and accessories -> www.sick.com/deTec

### Detailed technical data

#### Features

Sub product family	deTec4
Application	Normal industrial environment
System part	Receiver
Resolution	30 mm
Scanning range	30 m
Protective field height	450 mm
Response time	10 ms (Uncoded) 14 ms (code 1 or code 2)
No blind zones	Yes
Synchronization	Optical synchronisation
Items supplied	Receiver Test rod with diameter corresponding to the resolution of the safety light curtain Safety instruction Mounting instructions Operating instructions for download

### Safety-related parameters

Туре	Type 4 (IEC 61496-1)
Safety integrity level	SIL 3 (IEC 61508)
Category	Category 4 (ISO 13849-1)
Performance level	PL e (ISO 13849-1)
$\ensuremath{PFH}_{\ensuremath{D}}$ (mean probability of a dangerous failure per hour)	
Single device	15.3 x 10 <sup>.9</sup>
Cascade with one guest	30.5 x 10 <sup>-9</sup>
Cascade with two guest devices	45.6 x 10 <sup>-9</sup>

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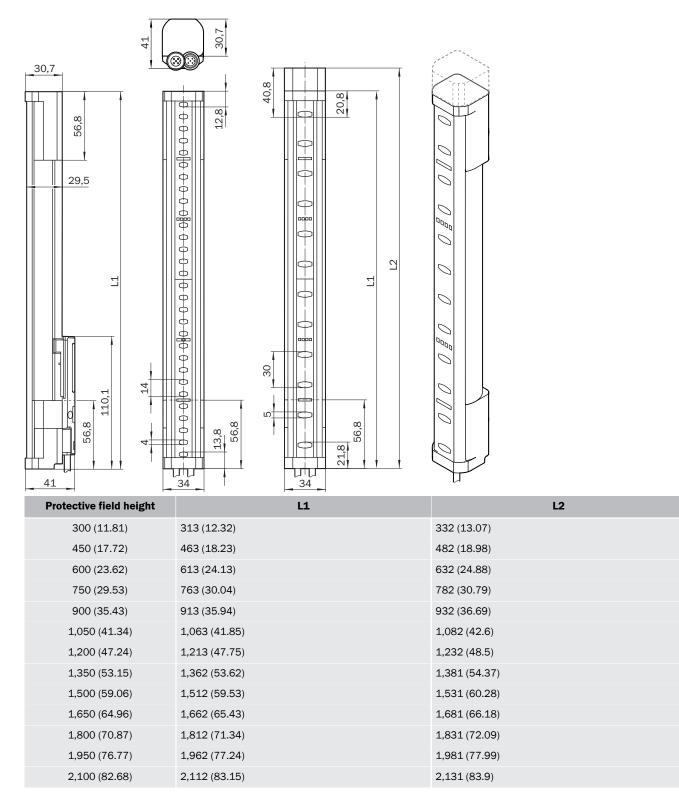
SAFETY LIGHT CURTAINS

Protective operation <ul> <li>Automatic calibration of the protective field width</li> <li>Automatic calibration of the protective field width</li> <li>Cascading</li>         &lt;</ul>	T <sub>M</sub> (mission time)	20 years (ISO 13849-1)		
Protective operation <ul> <li>Automatic calibration of the protective field width</li> <li>Automatic calibration of the protective field width</li> <li>Cascading</li>         &lt;</ul>	Safe state in the event of a fault	At least one OSSD is in the OFF state.		
Automatic aliantation of the protection of aliant of a second of aliant o	Functions			
withGeneration of the set of t	Protective operation	1		
RestritentionsRestritentionsCacadingSmartpresence detectionReducer resolutionDynamic presence detectionDynamic presence		1		
Extend even on thom (sp (EM))I and in the second of the secon	Beam coding	1		
CasadingSmart presence detectionReduced resolutionReduced resolutionDifferentiation between person and matchDifferentiation between person and matchDataDataDataDesching constanting to the system person and matchDifferentiation between person and matchDataDesching constanting to the system person and matchDifferentiation methodDesching constanting to the system person and matchOrigination methodDesching constanting to the system person and matchDipole personDipole personD	Restart interlock	1		
Smart proceedetectionImage: Proceeding of the system of the s	External device monitoring (EDM)	1		
Reduced resolution         I and a construction of the second of the	Cascading	1		
Bysine protective field with during one pro	Smart presence detection	1		
ation         Big           Image: Part of the second of	Reduced resolution	1		
aig         Aig           Interdection         Indextore (Interdection)           System connection         Indextore (Interdection)           Gending on system plug (without extension connection on with M12 freemand connection)         Indextore (Interdection)           Gending on system plug (without extension connection)         Indextore (Interdection)           Gending on system plug (without extension)         Indextore (Interdection)           Gending on system plug (without extension)         Indextore (Interdection)           System connection (Interdection)         Indextore (Interdection)           Gending on system plug (without extension)         Indextore (Interdection)           Appleadon do system plug (without extension)         Interdection)           Appleadon do system plug (without extension)         Interdection)           Appleadon do system plug (without extension		1		
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System connectionDepending on system plug (without extension connection or with M12 female connector, S-pinExtension connectionDepending on system plug (without extension connection or with M12 female connector, S-pinDisplay of methodDepending on system plugDisplay of the symchronization status of the symchronization status of the symchronization output (ADO)I Application diagnostic output (ADO)I Display of the symchronization status of the symchronization (NFC)I Display of the Symchronization (NFC)I Protection classII (IEC 61140)Supply voltage VsS Supply voltage VsS Protection classII (IEC 6124)Protection classS No state, switching voltageS Output signal switching voltage (Signal Symchronization)S Or State, switching voltage (Signal Symchronization)<	2-signal muting	1		
Extension connectionDeveloping on system plug (without extension connection on with M12 females connections)Configuration methodDe Witch on system plugDisplay enemesEUSSupper and lower beams	Interfaces			
Configuration methodDiP switch on system plugDisplay elementsLEDsDisplay of the synchronization status of the pper and lower beamsApplication diagnostic output (ADO)Io-LinkNear Field Communication (NFC)Electrical dataProtection classIII (IEC 61140)Supply voltage VsRippleProtection diagnostic dutput (DO)Output signal switching devices (OSDB)Type of outputON state, switching voltage Ham OFF state, switching voltage Ham Current-carrying capacity protectApplication diagnostic output (ADO)Protection diagnostic output (DO)Dir point output (DI)ON state, switching voltage Ham Current-carrying capacity protectionApplication diagnostic output (ADO)Protection diagnostic output (ADO)Dir point output (DI)ON state, switching voltage Ham Current-carrying capacity protectionApplication diagnostic output (ADO)OFF state, switching voltage Ham Current-carrying capacity protectionApplication diagnostic output (ADO)Type of outputON State, switching voltage Ham Current-carrying capacity protectionOFF state, switching voltage Ham Current-carrying capacity protectionApplication diagnostic output (ADO)Protection diagnostic output (ADO)Protection diagnostic output (ADO)Dir point diagnostic output (Di) <t< th=""><th>System connection</th><th>Depending on system plug (M12 male connector, 5-pin or 8-pin)</th></t<>	System connection	Depending on system plug (M12 male connector, 5-pin or 8-pin)		
Display elementsEDSDisplay elementsEDSDisplay of the synchronization of the synchronizatio	Extension connection	Depending on system plug (without extension connection or with M12 female connector, 5-pin)		
No. 1Piper and lower beams-Application diagnostic output (ADO)-Io-Link-Near Field Communication (NFC)-Electrical class-Frotection classMICE Cla140Supply voltage Vs-Voltage Ns-Application typical-Output signal switching doubles-Type of units-Applection class-Supply consumption typical-Output signal switching voltage Vs-Type of units-Applection class-Type of units-Apple of type of typ	Configuration method	DIP switch on system plug		
upper and lower beams         Idea (Constant)           Application diagnostic output (ADO)         Idea (Constant)           Internet (Constant)         Idea (Constant)           Protection class         Idea (Constant)           Supply voltage Vs         Idea (Constant)           Protection class         Idea (Constant)           Supply voltage Vs         Idea (Constant)           Protection class         Idea (Constant)           Supply voltage Vs         Idea (Constant)           Protection class         Idea (Constant)           Supply voltage Vs         Idea (Constant)           Protection class         Idea (Constant)           Supply voltage Vs         Idea (Constant)           Protection class         Idea (Constant)           Supply voltage Vs         Idea (Constant)           Protection class         Idea (Constant)           Supply voltage Vs         Idea (Constant)           Supply voltage Vs         Idea (Constant)           Supply voltage (Constant)         Idea (Constant) </th <th>Display elements</th> <th colspan="2">LEDs</th>	Display elements	LEDs		
iO-LinkNear Field Communication (NFC)Ker Field Communication (NFC)Field Communication (NFC)Forector LatterFrotector LatterSupply cols and solution (NFC)RippleApper consumption typicalApper consumption typicalNo state, switching voltageApper consumption (NFC)Apper consumption (NFC)Apper consumption (NFC)Apper consumption (NFC)Apper consumption (NFC)Apper consumption (NFC)Apper consumption (NFC)Apple consumption (NFC) <t< th=""><th></th><th>1</th></t<>		1		
Near Field Communication (NFC)Image: Communication (NFC)Protection classImage: Communication (NFC)Protection classImage: Communication (NFC)Supply roltage VgImage: Communication (NFC)RippleImage: Communication (NFC)Power communication (NFC)Image: Communication (NFC)Output signal switching roltage (NFC)Image: Communication (NFC)	Application diagnostic output (ADO)	1		
Electrical data Frotection class III (EC 61140) Supply voltage Vs 24 V DC (19.2 V 28.8 V) Ripple 240 % Output signal switching devices (OSSD) Output signal switching voltage IQ ON state, switching voltage IG ON st	IO-Link	1		
Protection classIII (IEC 61140)Supply voltage Vs24 VD (19.2 V 28.8 V)Ripple510 %Power consumption typical3.3 VD (DOutput signal switching devices (OSSDs)	Near Field Communication (NFC)	1		
Supply voltage Vs24 VDC (19.2 V 28.8 V)Ripple20 VDC (19.2 V 28.8 V)Power consumption typical30 VDC (19.2 V 28.8 V)Output signal switching doubers (OSDSD)	Electrical data			
Ripple≤ 10 %Power consumption typical3.3 W (DC)Output signal switching devices (OSSDs)-Type of output2 NP semiconductors, short-circuit protected, cross-circuit monitored <sup>1</sup> )ON state, switching voltage HGB2 V DC (V <sub>S</sub> - 2.25 V DC V <sub>S</sub> )OFF state, switching voltage HGB< 500 mA	Protection class	III (IEC 61140)		
Power consumption typical.3 W (DC)Output signal switching devices (OSSDs)Type of outputON state, switching voltage HGIQFF state, switching voltage HGI2 V DCCurrent-carrying capacity capacity5 Ob mAApplication diagnostic output (ADD)Type of outputType of outputMain carrying capacityY De Semiconductor short-circuit protected <sup>1</sup> )Y De Semiconductor short-c	Supply voltage V <sub>S</sub>	24 V DC (19.2 V 28.8 V)		
Output signal switching devices (OSSDs)Image: State S	Ripple	≤ 10 %		
Type of outputPNP semiconductors semicute protected, cross-serieut monitored <sup>1</sup> )ON state, switching voltage HM24 VDC (V <sub>S</sub> - 2.25 VDCV <sub>S</sub> )OFF state, switching voltage HM2 VDCCurrent-carrying capacity por So350 mAApplication diagnostic output (ADD)Versensensensensensensensensensensensensens	Power consumption typical	3.3 W (DC)		
ON state, switching voltage HGH24 V DC (V_S - 2.25 V DC V_S)OFF state, switching voltage HGH2 V DCCurrent-carrying capacity per OSD500 mAApplication diagnostic output (ADD)VType of outputPN semiconductor protected <sup>1</sup> )	Output signal switching devices (OSSDs)			
OFF state, switching voltage LOW     ≤ 2 V DC       Current-carrying capacity per OSSD     ≤ 500 mA       Application diagnostic output (ADO)        Type of output     PNP semiconductor, short-circuit protected <sup>1)</sup>	Type of output	2 PNP semiconductors, short-circuit protected, cross-circuit monitored $^{1)}$		
Current-carrying capacity per OSSD       ≤ 500 mA         Application diagnostic output (ADO)       Type of output         Type of output       PNP semiconductor, short-circuit protected <sup>1)</sup>	ON state, switching voltage HIGH	24 V DC (V <sub>S</sub> – 2.25 V DC V <sub>S</sub> )		
Application diagnostic output (ADO) Type of output PNP semiconductor, short-circuit protected <sup>1)</sup>	OFF state, switching voltage LOW	≤ 2 V DC		
Type of output PNP semiconductor, short-circuit protected <sup>1)</sup>	Current-carrying capacity per OSSD	≤ 500 mA		
	Application diagnostic output (ADO)			
Output voltage HIGH (active) $\geq V = 2V$	Type of output	PNP semiconductor, short-circuit protected <sup>1)</sup>		
$Output voltage man (active) \geq v_s = 5 v$	Output voltage HIGH (active)	$\geq V_{s} - 3 V$		
Output voltage LOW (deactivated) High resistance	Output voltage LOW (deactivated)	High resistance		

 $^{1)}\ensuremath{\,\text{Applies}}$  to the voltage range between –30 V and +30 V.

Output current HIGH (active)	< 100 mA			
<sup>1)</sup> Applies to the voltage range between -30 V and +30 V.				
Mechanical data				
Dimensions	See dimensional drawing			
Housing material	Aluminum extruded profile			
Ambient data				
Enclosure rating	IP65 (IEC 60529) IP67 (IEC 60529)			
Ambient operating temperature	-30 °C +55 °C			
Storage temperature	-30 °C +70 °C			
Air humidity	15 % 95 %, Non-condensing			
Vibration resistance	5 g, 10 Hz 55 Hz (IEC 60068-2-6)			
Shock resistance	10 g, 16 ms (IEC 60068-2-27)			
Classifications				
ECLASS 5.0	27272704			
ECLASS 5.1.4	27272704			
ECLASS 6.0	27272704			
ECLASS 6.2	27272704			
ECLASS 7.0	27272704			
ECLASS 8.0	27272704			
ECLASS 8.1	27272704			
ECLASS 9.0	27272704			
ECLASS 10.0	27272704			
ECLASS 11.0	27272704			
ECLASS 12.0	27272704			
ETIM 5.0	EC002549			
ETIM 6.0	EC002549			
ETIM 7.0	EC002549			
ETIM 8.0	EC002549			
UNSPSC 16.0901	46171620			

Dimensional drawing (Dimensions in mm (inch))



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#### **Recommended accessories**

Other models and accessories -> www.sick.com/deTec

	Brief description	Туре	Part no.
Connection n	nodules		
	IO-Link V1.1 Class A port, USB2.0 port, optional external power supply 24V / 1A	IOLA2US-01101 (SiLink2 Master)	1061790
a sex a	Connector for connecting an IO-Link master and up to 2 muting sensors to a safety light curtain or a multiple light beam safety device	IO-Link connector	2092757
	Connector for connecting 2 muting sensors and a muting lamp to a safety light curtain or a multiple light beam safety device	Muting connector	2092758
Auting acces	ssories		
0	Sensor bracket G6 and P250	BEF-2KHAAAKU1	2113145
	Universal holder for round steel arms and muting arms, for mounting sensors or reflec- tors	BEF-KHS-N01	2044953
	Muting arm bracket	Muting arm bracket	2106455
~	Muting arm, long	Muting arm, long	2111923
-	Muting arm, short	Muting arm, short	2111924
Distributors			
	<ul> <li>Connection type head A: Female connector, M12, 5-pin, A-coded</li> <li>Connection type head B: Male connector, M12, 5-pin, A-coded</li> <li>Connection type head C: Female connector, M12, 5-pin, A-coded</li> <li>Description: T-piece for simultaneous connection to sender and receiver, splits the cable from the control cabinet to the sender and receiver</li> <li>Note: 5-pin</li> </ul>	DSC-1205T000025KM0	6030664
Se.	<ul> <li>Connection type head A: Female connector, M12, 8-pin, A-coded</li> <li>Connection type head B: Female connector, M12, 8-pin, A-coded</li> <li>Connection type head C: Male connector, M12, 8-pin, A-coded</li> <li>Description: T-distributor for simultaneous connection to sender and receiver, splits the cable from the control cabinet between the sender and receiver</li> <li>Note: 8-pin</li> </ul>	DSC-1208T000025KM0	6058647
Plug connect	ors and cables		
N.C.	<ul> <li>Connection type head A: Female connector, M12, 5-pin, straight, A-coded</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 2 m, 5-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A15-020UB5XLEAX	2095617
	<ul> <li>Connection type head A: Female connector, M12, 5-pin, straight, A-coded</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 5 m, 5-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A15-050UB5XLEAX	2095618

	Brief description	Туре	Part no.
	<ul> <li>Connection type head A: Female connector, M12, 5-pin, straight, A-coded</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 10 m, 5-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A15-100UB5XLEAX	2095619
Co	<ul> <li>Connection type head A: Female connector, M12, 8-pin, straight, A-coded</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 2 m, 8-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A18-020UA5XLEAX	2095652
	<ul> <li>Connection type head A: Female connector, M12, 8-pin, straight, A-coded</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 5 m, 8-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A18-050UA5XLEAX	2095653
	<ul> <li>Connection type head A: Female connector, M12, 8-pin, straight, A-coded</li> <li>Connection type head B: Flying leads</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 10 m, 8-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A18-100UA5XLEAX	2095654
<b>N</b>	<ul> <li>Connection type head A: Female connector, M12, 5-pin, straight, A-coded</li> <li>Connection type head B: Male connector, M12, 5-pin, straight, A-coded</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 2 m, 5-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A15-020UB5M2A15	2096009
	<ul> <li>Connection type head A: Female connector, M12, 5-pin, straight, A-coded</li> <li>Connection type head B: Male connector, M12, 5-pin, straight, A-coded</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 5 m, 5-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A15-050UB5M2A15	2096010
	<ul> <li>Connection type head A: Female connector, M12, 5-pin, straight, A-coded</li> <li>Connection type head B: Male connector, M12, 5-pin, straight, A-coded</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 10 m, 5-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A15-100UB5M2A15	2096011
	<ul> <li>Connection type head A: Female connector, M12, 8-pin, straight, A-coded</li> <li>Connection type head B: Male connector, M12, 8-pin, straight, A-coded</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 2 m, 8-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A18-020UA5M2A18	2096033
	<ul> <li>Connection type head A: Female connector, M12, 8-pin, straight, A-coded</li> <li>Connection type head B: Male connector, M12, 8-pin, straight, A-coded</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 5 m, 8-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A18-050UA5M2A18	2096034
	<ul> <li>Connection type head A: Female connector, M12, 8-pin, straight, A-coded</li> <li>Connection type head B: Male connector, M12, 8-pin, straight, A-coded</li> <li>Signal type: Sensor/actuator cable</li> <li>Cable: 10 m, 8-wire, PUR, halogen-free</li> <li>Description: Sensor/actuator cable, unshielded</li> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A18-100UA5M2A18	2096035

	Brief description	Туре	Part no.	
Reflectors				
	Rectangular, screw connection, 51 mm x 61 mm, PMMA/ABS, Screw-on, 2 hole mounting	P250	5304812	
Terminal and	alignment brackets			
Red)	4 pieces, FlexFix bracket for 2 devices (e.g. sender and receiver), can be aligned $\pm$ 15°, including M5 screw, plastic	BEF-1SHABPKU4	2066614	
	4 pieces, QuickFix bracket for 2 devices (e.g. sender and receiver), plastic	BEF-3SHABPKU4	2098710	
Photoelectric	c sensors			
	GL10-P4151	GL10-P4151	1069860	
	GL6-P0211S49	GL6-P0211S49	1070568	
	GTB10-P4411S01	GTB10-P4411S01	1066852	
	GTB6-P7441S56	GTB6-P7441S56	1077541	
Safety switch	ning amplifier			
	<ul> <li>Applications: Output expansion module for OSSDs</li> <li>Compatible sensor types: Safety sensors with OSSDs</li> <li>Connection type: Front connector with spring terminals</li> <li>Restart interlock: no</li> <li>External device monitoring (EDM): Via path</li> <li>Outputs: 2 enabling current paths (safe), 1 feedback current path (for use as external device monitoring, not safe)</li> <li>Housing width: 18 mm</li> </ul>	RLY3-OSSD100	1085343	
	<ul> <li>Applications: Output expansion module for OSSDs</li> <li>Compatible sensor types: Safety sensors with OSSDs</li> <li>Connection type: Front connector with spring terminals</li> <li>Restart interlock: no</li> <li>External device monitoring (EDM): Via path</li> <li>Outputs: 4 enabling current paths (safe), 1 feedback current path (for use as external device monitoring, not safe), 1 signaling current path (not safe)</li> <li>Housing width: 28 mm</li> </ul>	RLY3-OSSD400	1099971	
SP1 system	plug			
	<ul> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: -</li> </ul>	1000	2076832	
	<ul> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> </ul>	1100	2076833	
	<ul> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> </ul>	1200	2076834	
	<ul> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> </ul>	1300	2076835	
SP2 system plug				
	<ul> <li>System plug: SP2</li> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: -</li> </ul>	2000	2093097	

	Brief description	Туре	Part no.
	<ul> <li>System plug: SP2</li> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> </ul>	2100	2093098
	<ul> <li>System plug: SP2</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> </ul>	2200	2093099
	<ul> <li>System plug: SP2</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> </ul>	2300	2093100
Sensor Integra	ation Gateway		
0	<ul> <li>Further functions: Web server integrated, USB connection for easy configuration of the SIG200 Sensor Integration Gateway with SOPAS ET, the engineering tool from SICK, logic editor is available for easy configuration of logic functions</li> <li>Connection CONFIG: 1 x M8, 4-pin female connector, USB 2.0 (USB-A)</li> <li>Logic editor: yes</li> <li>Communication interface: IO-Link, USB, Ethernet, PROFINET, REST API</li> <li>Product category: IO-Link Master</li> </ul>	SIG200-0A0412200	1089794
	<ul> <li>Description: The SIG200 Sensor Integration Gateway is an IO-Link master with 4 configurable ports through which the IO-Link devices or standard inputs or stan- dard outputs can be connected to a PLC or cloud application using the REST API.</li> <li>Further functions: Web server integrated, USB connection for easy configuration of the SIG200 Sensor Integration Gateway with SOPAS ET, the engineering tool from SICK, logic editor is available for easy configuration of logic functions</li> <li>Connection CONFIG: 1 x M8, 4-pin female connector, USB 2.0 (USB-A)</li> <li>Logic editor: yes</li> <li>Communication interface: IO-Link, USB, Ethernet, EtherNet/IP™, REST API</li> <li>Product category: IO-Link Master</li> </ul>	SIG200-0A0512200	1089796
and the second se	<ul> <li>Further functions: Web server integrated, USB connection for easy configuration of the SIG200 Sensor Integration Gateway with SOPAS ET, the engineering tool from SICK, logic editor is available for easy configuration of logic functions</li> <li>Connection CONFIG: 1 x M8, 4-pin female connector, USB 2.0 (USB-A)</li> <li>Logic editor: yes</li> <li>Communication interface: IO-Link, USB, Ethernet, REST API</li> <li>Product category: IO-Link Master</li> </ul>	SIG200-0A0G12200	1102605

## 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



Online data sheet

