



SAFETY LIGHT CURTAINS



#### Ordering information

Note	Resolution	Scanning range	Protective field height	System part	Туре	Part no.
System plug 1000 pre- assembled	30 mm	30 m	1,500 mm	Set	C4P- PA15031S002	1116165

Illustration may differ

Included in delivery: C4P-EA15031CA0 (1), C4P-SA15031AA0 (1), BEF-1SHABPKU4S09 (1), C-Fix bracket (1), FlexFix adapter plate (1), T-connector with pushbutton for laser alignment aid, M12, 5-pin (1)

System plug 1000 pre-assembled

Other models and accessories → www.sick.com/deTec



#### Detailed technical data

#### Features

Sub product family	deTec4
Application	Normal industrial environment
System part	Set
Resolution	30 mm
Scanning range	30 m
Protective field height	1,500 mm
Response time	13 ms (Uncoded) 22 ms (code 1 or code 2)
No blind zones	Yes
Synchronization	Optical synchronisation
Integrated laser alignment aid	✓
Items supplied	Sender System plug 1000 Receiver 4 FlexFix brackets 2 protective caps M12 for female connector 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)
$\mbox{PFH}_{\mbox{D}}$ (mean probability of a dangerous failure per hour)	
Single device	15.3 x 10 <sup>.9</sup>
T <sub>M</sub> (mission time)	20 years (ISO 13849-1)

# C4P-PA15031S002 | deTec SAFETY LIGHT CURTAINS

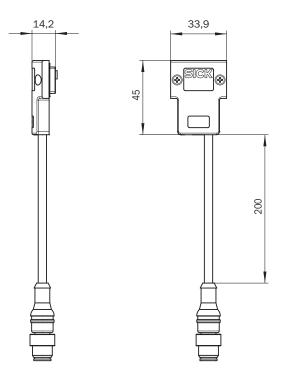
Safe state in the event of a fault	At least one OSSD is in the OFF state.
Functions	
Protective operation	1
Automatic calibration of the protective field width	4
Beam coding	4
Interfaces	
System connection	Male connector M12, 5-pin
Length of cable	200 mm
Cable diameter	5 mm
Extension connection	-
Configuration method	DIP switch on system plug
Display elements	LEDs
Display of the synchronization status of the upper and lower beams	1
Near Field Communication (NFC)	4
Electrical data	
Protection class	III (IEC 61140)
Supply voltage V <sub>S</sub>	24 V DC (19.2 V 28.8 V)
Ripple	≤ 10 %
Output signal switching devices (OSSDs)	
Type of output	2 PNP semiconductors, short-circuit protected, cross-circuit monitored <sup>1)</sup>
ON state, switching voltage HIGH	24 V DC (V_S – 2.25 V DC V_S)
OFF state, switching voltage LOW	≤ 2 V DC
Current-carrying capacity per OSSD	≤ 500 mA
$^{(1)}$ 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)
Other information	

Wave length	850 nm
Type of light	Near-infrared (NIR), invisible
Integrated laser alignment aid	✓

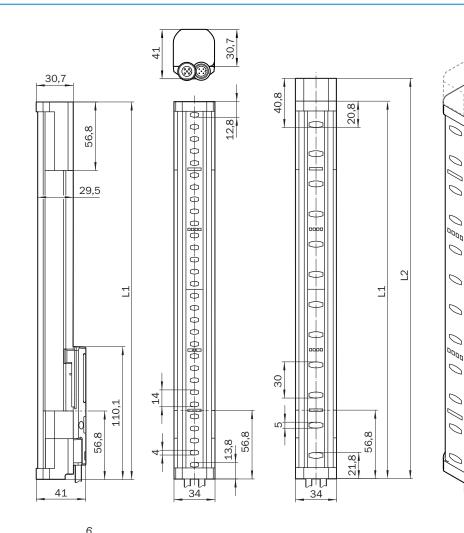
SAFETY LIGHT CURTAINS

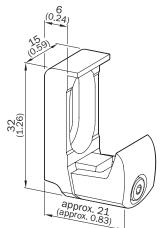
Laser class	
Wave length	650 nm
Type of light	Visible red light
Classifications	
ECLASS 5.0	27272704
ECLASS 5.1.4	27272704
ECLASS 6.0	27272704
ECLASS 6.2	27272704
ECLASS 7.0	27272704
ECLASS 8.0	27272704
ECLASS 8.1	27272704
ECLASS 9.0	27272704
ECLASS 10.0	27272704
ECLASS 11.0	27272704
ECLASS 12.0	27272704
ETIM 5.0	EC002549
ETIM 6.0	EC002549
ETIM 7.0	EC002549
ETIM 8.0	EC002549
UNSPSC 16.0901	46171620

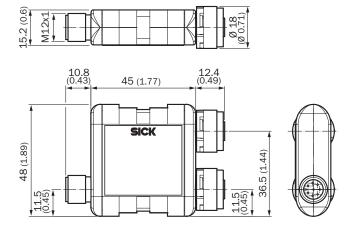
### Dimensional drawing (Dimensions in mm (inch))

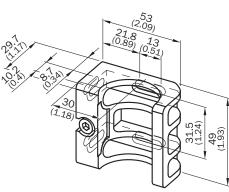


Т



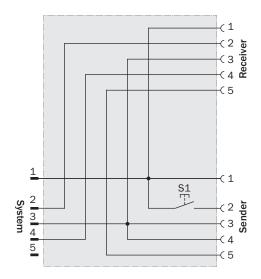






Protective field height	L1	L2
300 (11.81)	313 (12.32)	332 (13.07)
450 (17.72)	463 (18.23)	482 (18.98)
600 (23.62)	613 (24.13)	632 (24.88)
750 (29.53)	763 (30.04)	782 (30.79)
900 (35.43)	913 (35.94)	932 (36.69)
1,050 (41.34)	1,063 (41.85)	1,082 (42.6)
1,200 (47.24)	1,213 (47.75)	1,232 (48.5)
1,350 (53.15)	1,362 (53.62)	1,381 (54.37)
1,500 (59.06)	1,512 (59.53)	1,531 (60.28)
1,650 (64.96)	1,662 (65.43)	1,681 (66.18)
1,800 (70.87)	1,812 (71.34)	1,831 (72.09)
1,950 (76.77)	1,962 (77.24)	1,981 (77.99)
2,100 (82.68)	2,112 (83.15)	2,131 (83.9)

### Pin assignment



deTec4 system connection



Pin	Sender	Receiver	
1	+24 V DC	+24 V DC	
2	In2 Laser alignment aid button	OSSD1	
3	0 V DC	0 V DC	
4	In1 Laser alignment aid switch	OSSD2	
5	MFP1	MFP1	
For details see	For details see operating instructions		

#### **Recommended accessories**

Other models and accessories → www.sick.com/deTec

	Brief description	Туре	Part no.
Connection modules			
	IO-Link V1.1 Class A port, USB2.0 port, optional external power supply 24V / 1A $$	IOLA2US-01101 (SiLink2 Master)	1061790
	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

SAFETY LIGHT CURTAINS

	Brief description	Туре	Part no.
	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
Muting acces	sories		
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			
8 <b>0</b> 0	<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
Š.	<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
Reflectors			
	Rectangular, screw connection, 51 mm x 61 mm, PMMA/ABS, Screw-on, 2 hole mounting	P250	5304812
Terminal and	alignment brackets		
Control of the second	4 pieces, FlexFix bracket for 2 devices (e.g. sender and receiver), can be aligned $\pm$ 15 °, including M5 screw, plastic	BEF-1SHABPKU4	2066614
1	4 pieces, QuickFix bracket for 2 devices (e.g. sender and receiver), plastic	BEF-3SHABPKU4	2098710
×.	<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
1	<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> </ul>	YF2A15-050UB5XLEAX	2095618

Description: Sensor/actuator cable, unshielded
 Application: Zones with oils and lubricants, Drag chain operation, Robot

# C4P-PA15031S002 | deTec SAFETY LIGHT CURTAINS

	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
N.	<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
¥0 ¥0	<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
6	<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
¥0 ¥0	<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
6	<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
6.6	<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
6.6	<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
No.	<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

Photoelectric sensors         GL10-P4151         I           GL6-P0211549         GL6-P0211549         I           GTB10-P4411501         GTB6-P7441556         I           Safety switchire amplifier         Image: Safety sensors with 05SDs         Connection type: Front connector with spring terminals         Image: Safety sensors with 05SDs         Connection type: Front connector with spring terminals         Image: Safety sensors with 05SDs         Image: Safety sensors with 05SDs         Connection type: Front connector with spring terminals         Image: Safety sensors with 05SDs         Image: Safety sensor sensor with 05SDs         Image: Safety sensor sensor with 05SDs         Image: Safety sensor with 05SDs         Im	Туре	Part no.
GL6-P0211S49 GTB10-P4411S01 GTB6-P7441S56       Image: SP1 Safety switch: sumplifier         Image: Sp1 System plug: SP1 Setsens or type: Safety sensors with OSSDs Connection type: Front connector with spring terminals Restart interlock: no External device monitoring (EDM): Via path Outputs: 2 enabling current paths (safe), 1 feedback current path (for use as external device monitoring, not safe) Between there interlock: no External device monitoring (EDM): Via path Outputs: 2 enabling current paths (safe), 1 feedback current path (for use as external device monitoring, not safe) Between monitoring (EDM): Via path Outputs: 2 enabling current paths (safe), 1 feedback current path (for use as external device monitoring, not safe) Between monitoring (EDM): Via path Outputs: 4 enabling current paths (safe), 1 feedback current path (for use as external device monitoring, not safe) Between monitoring, not safe). I signaling current path (for use as external device monitoring, not safe). I signaling current path (for use as external device monitoring, not safe). Signaling current path (for use as external device monitoring, not safe). I signaling current path (for use as external device monitoring, not safe). Signaling current path (for use as external device monitoring, not safe). Signaling current path (for use as external device monitoring. Not safe). Signaling current path (for use as external device monitoring. Not safe). Signaling current path (for use as external device monitoring. Not safe). Signaling current path (for use as external device monitoring. Not safe). Signaling current paths (safe). I feedback current path (for use as external device monitoring. Not safe). Signaling current paths (safe). I feedback current path (for use as external device monitoring. Not safe). Signaling current paths (safe). I feedback current path (for use as external device monitoring. Signaling current path. (not safe) Signaling Signaling Signaling Current path		
GTB10-P4411S01       GTB6-P7441S56         Safety switch::::::::::::::::::::::::::::::::::::	GL10-P4151	1069860
GTBG-P7441S56         Safety switch::::::::::::::::::::::::::::::::::::	GL6-P0211S49	1070568
Safety switching 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> <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 (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> <li>SP1 system plug: SP1         <ul> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> </ul> </li> <li>Stempting: Wale connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 8-pin&lt;</li>	GTB10-P4411S01	1066852
<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 denabling current paths (safe), 1 feedback current path (for use as external device monitoring, not safe)</li> <li>Housing width: 18 mm</li> <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> SP1 system plug: SP1 <ul> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>Ext</li></ul>	GTB6-P7441S56	1077541
<ul> <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> <li>Applications: Output expansion module for 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> SP1 system plug: SP1 <ul> <li>Connection type: Front connector M12, 5-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>Extension connection: Female connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> </ul>		
<ul> <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> SP1 system plug: SP1 <ul> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> </ul> Sensor Integration Gateway I spatial connector M12, 8-pin Extension connection: Female connector M12, 5-pin Sensor Integration Gateway with SOPAS ET, the engineering tool from SICK, logic editor is available for easy configuration of logic functions (SC, Nogic editor is available for easy configuration of logic functions (SC, Nogic editor is available for easy configuration of logic functions (SC, Nogic editor is available for easy configuration of logic functions (SC, Nogic editor is available for easy configuration of logic functions (SC, Nogic editor is ava	RLY3-OSSD100	1085343
<ul> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>Sensor Integrator Gateway</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, PROFINET, REST API</li> <li>Product category: IO-Link Master</li> </ul>	RLY3-OSSD400	1099971
<ul> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>Sensor Integration Gateway</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 ONFIG: 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>		
<ul> <li>Connection type: Male connector M12, 5-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>Sensor Integration Gateway</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, PROFINET, REST API</li> <li>Product category: IO-Link Master</li> </ul>	1000	2076832
<ul> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: -</li> <li>System plug: SP1</li> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> </ul> Sensor Integration Gateway If urther 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 <ul> <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> </ul>	1100	2076833
<ul> <li>Connection type: Male connector M12, 8-pin</li> <li>Extension connection: Female connector M12, 5-pin</li> <li>Sensor Integration Gateway</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, PROFINET, REST API</li> <li>Product category: IO-Link Master</li> </ul>	1200	2076834
<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>	1300	2076835
<ul> <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
Description: The SIG200 Sensor Integration Gateway is an IO-Link master with     A configurable ports through which the IO-Link devices or standard inputs or stan		1000000
<ul> <li>4 configurable poils through which the IC-Link devices of standard inputs of</li></ul>	SIG200-0A0512200	1089796

# C4P-PA15031S002 | deTec SAFETY LIGHT CURTAINS

Brief description	Туре	Part no.
 <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

