

# C2C-SG12010A10000 deTec

SICK Sensor Intelligence.

**SAFETY LIGHT CURTAINS** 

## C2C-SG12010A10000 | deTec

SAFETY LIGHT CURTAINS



## Ordering information

### deTec2 Core HG

Resolution	Scanning range	Protective field height	System part	Туре	Part no.
14 mm	10 m	1,200 mm	Sender	C2C- SG12010A10000	1220495

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

Illustration may differ



### Detailed technical data

#### Features

Sub product family	deTec2 Core HG
Application	Areas where coolants, lubricants and cleaning agents are used
System part	Sender
Compatible receiver	1220506
Resolution	14 mm
Scanning range	10 m
Protective field height	1,200 mm
No blind zones	Yes
Synchronization	Optical synchronisation
Items supplied	Sender

#### Safety-related parameters

Туре	Type 2 (IEC 61496-1)
Safety integrity level	SIL 1 (IEC 61508)
Category	Category 2 (ISO 13849-1)
Performance level	PL c (ISO 13849-1)
$\ensuremath{PFH}\xspace_{\ensuremath{D}\xspace}$ (mean probability of a dangerous failure per hour)	31 x 10 <sup>9</sup>
T <sub>M</sub> (mission time)	20 years (ISO 13849-1)
Safe state in the event of a fault	At least one OSSD is in the OFF state.
Functions	

Protective operation	✓
Automatic calibration of the protective field width	✓
Interfaces	
System connection	Male connector M12, 5-pin

# C2C-SG12010A10000 | deTec SAFETY LIGHT CURTAINS

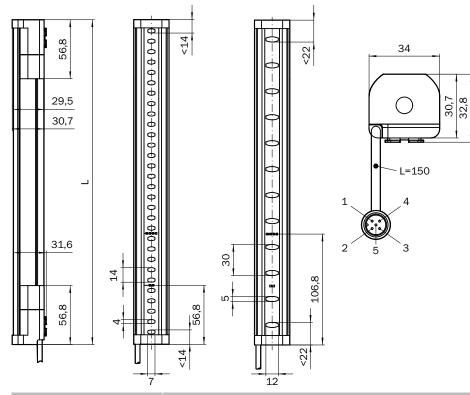
Length of cable45 mmCable beind radius> 12 x cable diameterStationary position> 12 x cable diameterTexbute> 12 x cable diameterDisplay elements> 12 x cable diameterElectrical data> 10 % 0Protection class> 00 % 0Power consumption typical> 00 % 0Power consumption typical> 00 % 0Power consumption typical> 00 % 0Bioginaterial> 00 % 0Power consumption> 00 % 0Bioginaterial> 00 % 0Stration typical> 00 % 0 <th></th> <th>450</th>		450
Stationary position         > 2 X cable diameter           Teival end         > 2 X cable diameter           Diplay elemants            Diplay elemants         Electrical data           Electrical data            Porection class            Bipp voltage Vs            Ripp consumption typical            Biologi material            Biologi material         Sec dimensional draving           Biologi material         Sec dimensional draving           Dimensions         Sec dimensional draving           Biologi material         Auminum extruded profile           Fort coreen material         Sec dimensional draving           Profile CoS29)         Profile CoS29)           Antimitity            Statione relating temperature         -90 °		
Stationary position> 21 x cable diameterFreizble use> 15 x cable diameterDeplay elementsLDsElectrical dataFortection class24 V Dc (19.2 V 28.8 V)Supply votage Vs40 VDc (19.2 V 28.8 V)Ripple24 VDc (19.2 V 28.8 V)Power consumption typical40 WDc (19.2 V 28.8 V)Mover consumption typical68 W (Dc)Mover consumption typical68 dimensional drawingMousing materialSee dimensional drawingFort scene materialChemical y prestressed fiotar glassAmbient dataPS (EC 60329)Ambient operating temperature-30 °C +75 °CStorage temperature-30 °C +75 °CStorage temperature-30 °C +75 °CStorage temperature-30 °C +55 °CStorage temperature-30 °C +55 °CStorage temperature-30 °C +75 °CVibrion resistance5g. 10 H/L 55 H/L (E0 60682-26)Storage temperature-30 °C +75 °CVibrion resistance5g. 10 H/L 55 H/L (E0 60682-26)Storage temperature-30 °C +77 °CVibrion resistance5g. 10 H/L 55 H/L (E0 60682-26)Storage temperature-30 °C +77 °CStorage temperature-30 °C +77 °CClass 5.0272704Storage temperature-272704EcLASS 5.027272704Storage temperature-272704Storage temperature-272704Storage temperature-272704Storage temperature-27		4.3 mm
Field>15 x cable diameterDisplay elementsEEDsElectrical dataElectrical dataProtection classMI (EC 61140)Supply voltage Vs24 V DC (19.2 V 28.8 V)Ripple10 %Power consumption typical60 % (C)Power consumption typicalSee dimensional drawingHousing materialMuninum extruded profileFort screen materialChemical prestressed float glassAmbient operating temporature30 °C 455 °CStorage temperature-30 °C 475 °CArbient operating temporature30 °C 455 °CStorage temperature-30 °C 475 °CVibrattor resistance55 (J 0.Hz 55 K) (EC 60058-26)Storage temperature-30 °C 470 °CArbient operating temporature55 (J 0.Hz 55 K) (EC 60058-26)Storage temperature55 (J 0.Hz 55 K) (EC 60058-26)Storage temperature10 (J 272704Class 5.0.27270704Elass 5.0.27270704Elass 5.1.4.27270704Elcass 6.0.27270704Elcass 8.0.27270704Elcass 8.0.27270704Elcass 8.0.27270704Elcass 8.0.27270704Elcass 8.0.27270704Elcass 8.0.27270704Elcass 8.0.27270704Elcass 8.0.27270704Elcass 8		> 10 x coble diameter
bisplay elementsLEDsElectrical dataProtection classIII (IEC 61140)Supply voltage Vs24 VDC (19.2 V 28.8 V)Ripple510 %Power consumption typical510 %Power consumption typical610 %DimensionsSee dimensional drawingHousing materialAuminum extruded profileFort screen materialChemically prestressed float glassAmbient data		
Electrical data           Protection class         III (IEC 61140)           Supply voltage Vs         24 V DC (19.2 V 28.8 V)           Ripple         > 10 %           Power consumption typical         1.68 W (DC)           Mechanical data         Uminum extruded profile           Prons some material         Auminum extruded profile           Fond scene material         Chemically prestressed flore glass           Ambient data         20 ° C + 55 ° C           Storage temperature         - 30 ° C + 55 ° C           Storage temperature         - 30 ° C + 55 ° C           Aribient sistance         5 g, 10 Hz 55 Hz (IEC 60058-26)           Storage temperature         - 30 ° C + 55 ° C           Aribient resistance         5 g, 10 Hz 55 Hz (IEC 60058-26)           Storage temperature         5 g, 10 Hz 55 Hz (IEC 60058-26)           Storage temperature         5 g, 10 Hz 55 Hz (IEC 60058-26)           Storage temperature         20 ° C + 70 ° C           Aribundity         15 % 95 Hz (IEC 60058-27)           Other information         Edcass 50 C           Vare length         850 nm           Type of light         S0 nm           Class 5.1-4         272704           EdcLass 5.1-4         2727204		
Protection classIII (EC 61140)Supply voltage Vs24 V DC (19.2 V 28.8 V)Ripple< 10 %Power consumption typical1.68 W (DC)Mechanical dataDimensionsSe dimensional drawingHousing materialAluminum extruded profileFond screen materialOhennically prestressed float glassAmbient dataEnclosure rating0.68 (EC 60529)Storage temperature-30 ° C +55 ° CStorage temperature-30 ° C +55 ° CStorage temperature-30 ° C +55 ° CArbient dista15 % 95 %, Non-condensingVibration resistance5 g 10 Hz 55 Hz (EC 60058-26)Stock resistance10 g. 16 ms (EC 60058-26)Stock resistance10 g. 16 ms (EC 60058-26)Class FJ2727204EcLASS 5.027272704EcLASS 5.1.42722704EcLASS 6.02722704EcLASS 7.02722704EcLASS 7.0272704EcLASS 7.0272704EcLASS 7.		
Supply voltage Vs24 V DC (19.2 V 28.8 V)Ripple24 V DC (19.2 V 28.8 V)Ripple24 0 %Power consumption typical168 W (DC)Mechanical data2000DimensionsSee dimensional drawingHousing materialAluminum extruded profileFont screen materialChemically prestressed float glassAmbient dataPPS7 (EC 60529)Findoure ratingPPS7 (EC 60529)Ambient operating temperature-30 °C+55 °CStorage temperature-30 °C+70 °CAr humidity15 %95 %, Non-condensingVibration resistance5 g1 (B1 / 255 Hz (EC 60068-26))Storage temperature-30 °C+70 °CAr bundity55 % (DO 6068-26)Storage temperature-30 °C+70 °CAr bundityS50 nmToge off lightS50 nmToge off lightS50 nmClassifications		
Riple≤ 10 %Pover consumption typical1.68 W (DC)Mechanical dataSee dimensional drawingHousing materialAluminum extruded profileFont screen materialChemically prestressed float glassAmbient dataPS6 (EC 60529)Ambient operating temperature-30 °C +55 °CStorage temperature-30 °C +55 °CStorage temperature-30 °C +70 °CAri humidity15 % 95 %, Non-condensingVibration resistance0 g l f ms (IEC 600682-26)Storage temperature-30 °C +55 °LStorage temperature-30 °C +70 °CAri humidity15 % 95 %, Non-condensingVibration resistance0 g l g ms (IEC 600682-26)Storage temperature-30 °C +70 °CChter information		
Power consumption typical1.68 W (DC)Mechanical dataDimensionsSee dimensional drawingHousing materialAluminum extruded profileFront screen materialChemically prestressed float glassAmbient dataEnclosure rating[P65 (IEC 60529) (IEC 60068-2-6)Storage temperature-30 °C +70 °CAir humidity15 %	Supply voltage V <sub>S</sub>	24 V DC (19.2 V 28.8 V)
Mechanical dataPinensionsSee dimensional drawingHousing materialAluminum extruded profileFont screen materialChemically prestressed float glassAmbient dataEnclosure ratingP65 (IEC 60529) P67 (IEC 60529)Ambient operating temperature-30 °C +55 °CStorage temperature-30 °C +55 °CAir hunidity15 % 95 %, Non-condensingVibration resistance5 g. 10 Hz 55 Hz (IEC 60068-26)Shock resistance10 g. 16 ms (IEC 60068-26)Shock resistance10 g. 16 ms (IEC 60068-27)Other informationStorme (NIR), invisibleVibration resistance850 nmNave length850 nmNave length27272704EcLASS 5.027272704EcLASS 5.1.42722704EcLASS 6.22722704EcLASS 7.02722704EcLASS 7.02722704EcLASS 7.02722704EcLASS 7.02722704EcLASS 7.02722704EcLASS 7.02722704EcLASS 7.02722704<	Ripple	≤ 10 %
DimensionsSee dimensional drawingHousing materialAluminum extruded profileFront screen materialChemically prestressed float glassAmbient dataEnclosure ratingIP65 (EC 60529) IP67 (EC 60529) IP67 (EC 60529)Ambient operating temperature-30 °C +55 °CStorage temperature-30 °C +70 °CAir humidity05 %. Non-condensingVibration resistance5 g. 10 Hz 55 Hz (EC 60068-2-6)Storke resistance10 g. 16 ms (EC 60068-2-7)Other informationSo nmVibre of lightNear-infrared (NIR), invisibleClassifications27272704EcLASS 5.027272704EcLASS 6.027272704EcLASS 6.227272704EcLASS 6.227272704EcLASS 6.327272704EcLASS 6.42722704EcLASS 7.027272704EcLASS 8.12722704EcLASS 8.12722704EcLASS 8.12722704EcLASS 8.12722704EcLASS 8.12722704EcLASS 8.1272704EcLASS 8.1272704 <td< th=""><th>Power consumption typical</th><th>1.68 W (DC)</th></td<>	Power consumption typical	1.68 W (DC)
Housing materialAluminum extruded profileFront screen materialChemically prestressed float glassAmbient dataEnclosure ratingIP65 (IEC 60529)Ambient operating temperature-30 °C +55 °CStorage temperature-30 °C +70 °CAir humidity15 % 95 %, Non-condensingVibration resistance5 g, 10 Hz 55 Hz (IEC 60068-2-6)Shock resistance10 g, 16 ms (IEC 60068-2-27)Other informationStorage temperatureVibration resistance5 g, 00 MStock resistance20272704EcLASS 5.02722704EcLASS 5.1.42722704EcLASS 5.1.42722704EcLASS 6.02722704EcLASS 5.1.42722704EcLASS 5.1.42722704EcLASS 5.1.42722704EcLASS 5.02722704EcLASS 5.02722704EcLASS 5.02722704EcLASS 5.1.42722704EcLASS 5.1.427272704EcLASS 5.1.427272704EcLASS 5.1.427272704EcLASS 5.1.427272704EcLASS 5.1.427272704EcLASS 5.1.427272704EcLASS 5.1.427272704EcLASS 5.027272704EcLASS 5.027272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704<	Mechanical data	
Front screen materialChemically prestressed float glassAmbient dataEnclosure ratingIP65 (IEC 60529) IP67 (IEC 60529) IP67 (IEC 60529)Ambient operating temperature-30 °C +55 °CStorage temperature-30 °C +70 °CAir humidity15 % 95 %, Non-condensingVibration resistance5g, 10 Hz 55 Hz (IEC 60068-2-6)Shock resistance10 g, 16 ms (IEC 60068-2-7)Other informationSon mVare length850 nmYave length850 nmStatisticationsEcLASS 5.0272704EcLASS 5.1.427272704EcLASS 6.027272704EcLASS 6.227272704EcLASS 6.227272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.027272704EcLASS 5.127272704EcLASS 5.027272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704EcLASS 5.127272704	Dimensions	See dimensional drawing
Ambient dataEnclosure ratingIP65 (IEC 60529) IP67 (IEC 60529) IP67 (IEC 60529)Ambient operating temperature-30 °C+55 °CStorage temperature-30 °C+70 °CAir humidity15 %95 %, Non-condensingVibration resistance5 g. 10 Hz55 Hz (IEC 60068-2-6)Shock resistance10 g. 16 ms (IEC 60068-2-6)Shock resistance10 g. 16 ms (IEC 60068-2-27)Other information850 nmYpe of light850 nmType of lightRearinfrared (NIR), invisibleClassifications27272704EcLASS 5.027272704EcLASS 6.027272704EcLASS 6.227272704EcLASS 5.327272704EcLASS 5.427272704EcLASS 5.527272704EcLASS 5.027272704EcLASS 5.027272704EcLASS 5.027272704EcLASS 5.027272704EcLASS 5.127272704EcLASS 5.127272704EcLAS	Housing material	Aluminum extruded profile
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 60068-2-6)           Shock resistance         10 g 16 ms (IEC 60068-2-27)           Other information         Near-infrared (NIR), invisible           Question resistance         850 nm           Type of light         Near-infrared (NIR), invisible           Classifications         27272704           EcLASS 5.0         27272704           EcLASS 6.0         27272704           EcLASS 6.2         27272704           EcLASS 7.0         27272704           EcLASS 8.1	Front screen material	Chemically prestressed float glass
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 60068-2-6)           Shock resistance         10 g. 16 ms (IEC 60068-2-27)           Other information         Non-condensing           Vave length         850 nm           Type of light         Near-infrared (NIR), invisible           Classifications         27272704           EcLASS 5.1_4         2722704           EcLASS 6.2         27272704           EcLASS 7.0         27272704           EcLASS 8.1	Ambient data	
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         Other information           Vibration resistance         850 nm           Type of light         850 nm           Classifications         VareInfrared (NIR), invisible           Classifications         272704           Eclass 5.1.4         272704           Eclass 6.0         272704           Eclass 7.0         272704           Eclass 8.0         272704           Eclass 8.1         272704           Eclass 9.0         272704           Eclass 1.0         272704           Eclass 1.0         272704           Eclass 1.0         272704	Enclosure rating	
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         Name (IEC 60068-2-27)           Wave length         850 nm           Type of light         Nae-infrared (NIR), invisible           Classifications         272704           EcLASS 5.0         272704           EcLASS 6.0         272704           EcLASS 7.0         272704           EcLASS 8.1         272704           EcLASS 9.0         272704           EcLASS 9.0         2727204	Ambient operating temperature	-30 °C +55 °C
Vibration resistance5g, 10 Hz 55 Hz (IEC 60068-2-6)Shock resistance10 g, 16 ms (IEC 60068-2-27)Other informationSonmVave length850 nmType of lightNear-infrared (NIR), invisibleClassifications272704EcLASS 5.0272704EcLASS 6.0272704EcLASS 6.2272704EcLASS 7.0272704EcLASS 8.1272704EcLASS 8.1272704EcLASS 8.1272704EcLASS 8.1272704EcLASS 9.0272704EcLASS 9.0272704	Storage temperature	-30 °C +70 °C
Shock resistance10 g. 16 ms (IEC 60068-2-27)Other informationVave length850 nmType of lightNear-infrared (NIR), invisibleClassificationsEcLASS 5.0272704EcLASS 5.1.4272704EcLASS 6.0272704EcLASS 6.2272704EcLASS 7.0272704EcLASS 8.1272704EcLASS 8.1272704EcLASS 8.1272704EcLASS 8.1272704EcLASS 8.1272704EcLASS 8.1272704EcLASS 9.0272704EcLASS 9.0 </th <th>Air humidity</th> <th>15 % 95 %, Non-condensing</th>	Air humidity	15 % 95 %, Non-condensing
CharacterizationWave length850 nmType of lightNear-infrared (NIR), invisibleClassificationsEcLass 5.02727204EcLASS 6.027272704EcLASS 6.227272704EcLASS 6.227272704EcLASS 7.027272704EcLASS 8.027272704EcLASS 8.127272704EcLASS 8.127272704EcLASS 8.127272704EcLASS 8.127272704EcLASS 8.127272704EcLASS 8.127272704EcLASS 8.127272704EcLASS 8.127272704EcLASS 9.027272704EcLASS 9.027272704EcLAS	Vibration resistance	5 g, 10 Hz 55 Hz (IEC 60068-2-6)
Wave length850 nmType of lightNear-infrared (NIR), invisibleClassificationsEcLass 5.02727204EcLASS 5.1.4272704EcLASS 6.027272704EcLASS 6.22727204EcLASS 7.02727204EcLASS 8.02727204EcLASS 8.1272704EcLASS 9.0272704EcLASS 9.0272704EcLASS 1.0.0272704EcLASS 1.0.0272704EcLASS 1.0.0272704EcLASS 1.0.0272704EcLASS 1.0.0272704EcLASS 1.0.0272704	Shock resistance	10 g, 16 ms (IEC 60068-2-27)
Type of lightNear-infrared (NIR), invisibleClassificationsEcLass 5.0272704EcLass 5.1.4272704EcLass 6.0272704EcLass 6.2272704EcLass 7.0272704EcLass 8.0272704EcLass 8.1272704EcLass 9.0272704EcLass 1.0.0272704EcLass 1.0.0272704 <t< th=""><th>Other information</th><th></th></t<>	Other information	
Classifications         EcLass 5.0       272704         EcLass 5.1.4       272704         EcLass 6.0       272704         EcLass 6.2       272704         EcLass 6.2       272704         EcLass 7.0       272704         EcLass 8.0       272704         EcLass 8.1       272704         EcLass 8.1       272704         EcLass 9.0       272704         EcLass 9.1       272704         EcLass 9.1       272704         EcLass 9.1       272704         EcLass 9.0       272704         EcLass 9.0       272704         EcLass 9.0       272704         EcLass 10.0       272704         EcLass 11.0       272704	Wave length	850 nm
EcLASS 5.027272704EcLASS 5.1.427272704EcLASS 6.027272704EcLASS 6.227272704EcLASS 7.027272704EcLASS 8.027272704EcLASS 8.127272704EcLASS 9.027272704EcLASS 10.027272704EcLASS 11.027272704	Type of light	Near-infrared (NIR), invisible
Eclass 5.1.4272704Eclass 6.0272704Eclass 6.2272704Eclass 7.0272704Eclass 8.0272704Eclass 8.1272704Eclass 9.0272704Eclass 10.0272704Eclass 11.0272704	Classifications	
ECLASS 6.027272704ECLASS 6.227272704ECLASS 7.027272704ECLASS 8.027272704ECLASS 8.127272704ECLASS 9.027272704ECLASS 10.027272704ECLASS 11.027272704	ECLASS 5.0	27272704
ECLASS 6.2       27272704         ECLASS 7.0       27272704         ECLASS 8.0       27272704         ECLASS 8.1       27272704         ECLASS 9.0       27272704         ECLASS 9.0       27272704         ECLASS 9.0       27272704         ECLASS 9.0       27272704         ECLASS 10.0       27272704         ECLASS 11.0       27272704	ECLASS 5.1.4	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 6.0	27272704
ECLASS 8.0       27272704         ECLASS 8.1       27272704         ECLASS 9.0       27272704         ECLASS 10.0       27272704         ECLASS 11.0       27272704	ECLASS 6.2	27272704
ECLASS 8.1     27272704       ECLASS 9.0     27272704       ECLASS 10.0     27272704       ECLASS 11.0     27272704	ECLASS 7.0	27272704
ECLASS 9.0     27272704       ECLASS 10.0     27272704       ECLASS 11.0     27272704	ECLASS 8.0	27272704
ECLASS 10.0         27272704           ECLASS 11.0         27272704	ECLASS 8.1	27272704
ECLASS 11.0 27272704	ECLASS 9.0	27272704
	ECLASS 10.0	27272704
ECLASS 12.0 27272704	ECLASS 11.0	27272704
	ECLASS 12.0	27272704
ETIM 5.0 EC002549	ETIM 5.0	EC002549
ETIM 6.0 EC002549	ETIM 6.0	EC002549
ETIM 7.0 EC002549	ETIM 7.0	EC002549

## C2C-SG12010A10000 | deTec

SAFETY LIGHT CURTAINS

ETIM 8.0	EC002549
UNSPSC 16.0901	46171620

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



Protective field height	L
300 (11.81)	313 (12.32)
450 (17.72)	463 (18.23)
600 (23.62)	613 (24.13)
750 (29.53)	763 (30.04)
900 (35.43)	913 (35.94)
1,050 (41.34)	1,063 (41.85)
1,200 (47.24)	1,213 (47.76)
1,350 (53.15)	1,362 (53.62)
1,500 (59.06)	1,512 (59.53)
1,650 (64.96)	1,662 (65.43)
1,800 (70.87)	1,812 (71.34)
1,950 (76.77)	1,962 (77.24)
2,100 (82.68)	2,112 (83.15)

# C2C-SG12010A10000 | deTec SAFETY LIGHT CURTAINS

## **Recommended accessories**

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

	Brief description	Туре	Part no.
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
1	4 pieces, QuickFix bracket for 2 devices (e.g. sender and receiver), plastic	BEF-3SHABPKU4	2098710
Others			
<u> </u>	<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
100	<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
180 No.	<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
10 × 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
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: 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> <li>Application: Zones with oils and lubricants, Drag chain operation, Robot</li> </ul>	YF2A15- 050UB5XLEAX	2095618
×.	<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

## C2C-SG12010A10000 | deTec

SAFETY LIGHT CURTAINS

	Brief description	Туре	Part no.		
Safety swite	fety switching amplifier				
	<ul> <li>Applications: Evaluation unit</li> <li>Compatible sensor types: Safety sensors with OSSDs</li> <li>Connection type: Front connector with spring terminals</li> <li>Restart interlock: yes</li> <li>External device monitoring (EDM): Integrated</li> <li>Outputs: 2 enabling current paths (safe), 2 application diagnostic outputs (not safe), 1 test pulse output (not safe)</li> <li>Housing width: 18 mm</li> </ul>	RLY3-OSSD200	1085344		
	<ul> <li>Applications: Evaluation unit</li> <li>Compatible sensor types: Safety sensors with OSSDs</li> <li>Connection type: Front connector with spring terminals</li> <li>Restart interlock: yes</li> <li>External device monitoring (EDM): Integrated</li> <li>Outputs: 3 enabling current paths (safe), 2 application diagnostic outputs (not safe), 1 test pulse output (not safe)</li> <li>Housing width: 18 mm</li> </ul>	RLY3-OSSD300	1099969		

# 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

