

SLC240COM-ER-1690-14

- **Integrated set-up tool**
- **Process safety with highest availability**
- **Safety type 2 in accordance with IEC 61496-1**
- **User-friendly parameter setting, no tools required**
- **Reliable safety concept in case of interferences (EMC, welding sparks)**

Data

Ordering data	
	SLC240COM-ER-1690-14
	103016245
EAN (European Article Number)	4030661507156
eCl@ss number, Version 9.0	27-27-27-04
Approval - Standards	
	TÜV cULus
General data	
Product name	SLC240COM Safety light curtain
	EN 61496-1 EN 61496-2
Master- or Slave-function	Yes
Enclosure material	Aluminium
Gross weight	2,740 g
Reaction time, maximum	28 ms
General data - Features	
Cascadable	Yes
Restart interlock (manual reset)	Yes
Hide function	Yes
Integral System Diagnostics, status	Yes

Integral System Diagnostics	Yes
Number of beams	168
Number of fail-safe digital outputs	2
Safety appraisal	
	ISO 13849-1 EN 62061
Performance level, up to	c
Control category to EN13849	2
PFH-value	8.05×10^{-9} /h
Safety Integrity Level (SIL), applicable for	1
Mission Time	20 Year(s)
Safety type in accordance with IEC 61496-1	2
Mechanical data	
Detection ability for test bodies at v = 1.6 m/s	14 mm
Range, protection field, minimum	300 mm
Range, protection field, maximum	6,000 mm
Height of the protection field	1,690 mm
Wave length of the sensor	880 nm
Mechanical data - Connection technique	
Terminal Connector	Connector
Terminal connector, Recipient	Connector plug M12, 5-pole
Terminal, Connector, Transmitter	Connector plug M12, 4-pole
Length of the connectable cable, maximum	100 m
Mechanical data - Dimensions	
Height of sensor	1,731 mm
Length of sensor	33 mm
Width of sensor	27.8 mm
Ambient conditions	
Protection class	IP 67 to IEC/EN 60529
Ambient temperature, minimum	-10 °C
Ambient temperature, maximum	+50 °C
Storage and transport temperature, minimum	-25 °C
Storage and transport temperature, maximum	+70 °C
	III
Electrical data	
Voltage type	DC (direct current)

Switching voltage OSSD, HIGH signal	24 V
Electrical power consumption of the receiver, maximum	10 W
Electrical power consumption of the transmitter, maximum	5 W
Electrical data - Fail-safe digital outputs	
Output current, (fail-safe output), maximum	0.3 A
Versions	p-type
Scope of delivery	
Included in delivery	Kit with 2 mounting angles
Accessory	
	SRB-E 301
Ordering code	

Product type description:

SLC240COM-ER(1)-(2)

(1)
0330 Protection field height 330 mm
0410 Protection field height 410 mm
0490 Protection field height 490 mm
0570 Protection field height 570 mm
0650 Protection field height 650 mm
0730 Protection field height 730 mm
0810 Protection field height 810 mm
0890 Protection field height 890 mm
0970 Protection field height 970 mm
1050 Protection field height 1050 mm
1130 Protection field height 1130 mm
1210 Protection field height 1210 mm
1290 Protection field height 1290 mm
1370 Protection field height 1370 mm
1450 Protection field height 1450 mm
1530 Protection field height 1530 mm
1610 Protection field height 1610 mm
1690 Protection field height 1690 mm
1770 Protection field height 1770 mm
1850 Protection field height 1850 mm
1930 Protection field height 1930 mm

(2)

14 Resolution 14 mm

30 Resolution 30 mm

35 Resolution 35 mm

Pictures

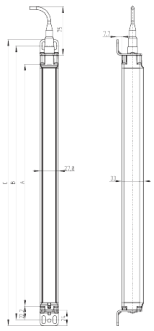
Photo/Product/Catalogue



ID: kslc4f67

| 66,6 kB | .png | 74.083 x 254.353 mm - 210 x 721 Pixel - 72 dpi
| 16,9 kB | .jpg | 79.728 x 273.756 mm - 226 x 776 Pixel - 72 dpi
| 1.005,9 kB | .jpg | 352.778 x 1212.144 mm - 1000 x 3436 Pixel - 72 dpi

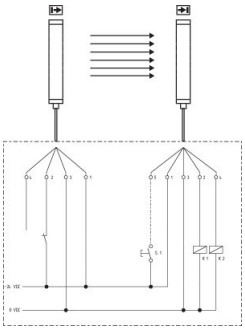
Dimension/Product/Basic



ID: 5slc4g23

| 196,0 kB | .jpg | 352.778 x 757.061 mm - 1000 x 2146 Pixel - 72 dpi
| 5,0 kB | .png | 74.083 x 158.75 mm - 210 x 450 Pixel - 72 dpi

Graphic/Product/Wiring



ID: kslc2l06

| 124,5 kB | .jpg | 352.778 x 475.544 mm - 1000 x 1348 Pixel - 72 dpi