DATASHEET



SLG440COM-ER-0800-03

- Safety type 4 in accordance with IEC 61496-1
- Status and diagnostics via App with bluetooth
- User-friendly parameter setting, no tools required
- Reliable safety concept in case of interferences (EMC, welding sparks)
- Process safety with highest availability
- active integrated set-up tool
- optional degree of protection IP69 with protective enclosure (accessories)

Data

Ordering data

Product type description	SLG440COM-ER-0800-03
Article number (order number)	103004063
EAN (European Article Number)	4030661435749
eCl@ss number, version 12.0	27-27-27-03
eCl@ss number, version 11.0	27-27-27-03
eCl@ss number, version 9.0	27-27-27-03
ETIM number, version 7.0	EC001832
ETIM number, version 6.0	EC001832

Approvals - Standards

Certificates	TÜV cULus

General data

Standards	CLC/TS 61496-2 EN IEC 61496-2 EN IEC 61496-1
Housing material	Aluminium
Reaction time, maximum	10 ms
Gross weight	1,420 g

General data - Features

Restart interlock (manual reset)	Yes
Integral system diagnostics, status	Yes
Integral system diagnostics	Yes
Number of fail-safe digital outputs	2
Number of beams	3

Safety classification

Standards	EN ISO 13849-1 EN IEC 62061
Performance Level, up to	e
Category	4
PFH value	8.05 x 10^{-9} /h
Safety Integrity Level (SIL), suitable for applications in	3
Mission time	20 Year(s)
Safety type in accordance with IEC 61496-1	4

Mechanical data

Detection ability for test bodies at v = 1.6 m/s	400 mm
Height of the protection field	800 mm
Range, protection field, minimum	0.3 m
Range, protection field, maximum	12 m
Wave length of the laserdiode	880 nm

Mechanical data - Connection technique

Length of cable	100 m
Termination	Connector
Terminal connector, Recipient	Connector plug M12, 5-pole
Terminal, Connector, Transmitter	Connector plug M12, 4-pole

Mechanical data - Dimensions

Length of sensor	33 mm
Width of sensor	27.8 mm
Height of sensor	871 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature	-10 ... +50 °C
Storage and transport temperature	-25 ... +70 °C
Protection class	III

Electrical data

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 - Safety digital outputs

Output current, (fail-safe output), maximum	0.25 A
Design of control elements	p-type

Scope of delivery

Scope of delivery	Kit with 2 mounting angles

Accessory

Recommended safety switchgear	SRB-E 301

Note

Note (General)	I_m In case of failure (interruption of the 0 V supply) the maximum leakage current is 1 mA.

Ordering code

Product type description:
SLG440COM-ER-(1)

(1)

0500-02	Distance between outermost beams 500 mm, 2-beam, Range 0.3 m ... 12 m
0500-02-H	Distance between outermost beams 500 mm, 2-beam, Range 8 m ... 60 m*
0800-03	Distance between outermost beams 800 mm, 3-beam, Range 0.3 m ... 12 m
0800-03-H	Distance between outermost beams 800 mm, 3-beam, Range 8 m ... 60 m*
0900-04	Distance between outermost beams 900 mm, 4-beam, Range 0.3 m ... 12 m
0900-04-H	Distance between outermost beams 900 mm, 4-beam, Range 8 m ... 60 m*

(*)

typically 70 m

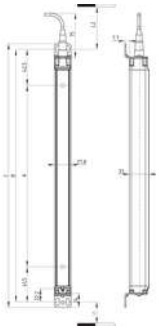
Pictures

Product picture (catalogue individual photo)



ID: kslc4f67
| 16.9 kB | .jpg | 79.728 x 273.756 mm - 226 x 776 px - 72 dpi
| 750.9 kB | .jpg | 352.778 x 1212.144 mm - 1000 x 3436 px - 72 dpi
| 67.7 kB | .png | 74.083 x 254.353 mm - 210 x 721 px - 72 dpi
| 22.9 kB | .jpg | 35.983 x 123.472 mm - 102 x 350 px - 72 dpi

Dimensional drawing basic component



ID: kslg4g17
| 79.5 kB | .ai | 210.002 x 297 mm - 595 x 841 px - 72 dpi
| 5.2 kB | .png | 74.083 x 154.164 mm - 210 x 437 px - 72 dpi
| 195.8 kB | .jpg | 352.778 x 734.131 mm - 1000 x 2081 px - 72 dpi