



## SLG240COM-ER-0900-04

- 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)
- Process safety with highest availability
- active integrated set-up tool

## Data

### Ordering data

Product type description	SLG240COM-ER-0900-04
Article number (order number)	103016127
EAN (European Article Number)	4030661506548
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	cULus
--------------	-------

### General data

Standards	EN IEC 61496-2 EN IEC 61496-1
Master- or Slave-function	Yes

Housing material	Aluminium
Reaction time, maximum	10 ms
Gross weight	1,540 g

## General data - Features

Cascadable	Yes
Restart interlock (manual reset)	Yes
Blanking function	Yes
Integral system diagnostics, status	Yes
Integral system diagnostics	Yes
Number of fail-safe digital outputs	2
Number of beams	4

## Safety classification

Standards	EN ISO 13849-1 EN IEC 62061
Performance Level, up to	c
Category	2
PFH value	$8.05 \times 10^{-9}$ /h
Safety Integrity Level (SIL), suitable for applications in	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	300 mm
Height of the protection field	900 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	971 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

## Ordering code

Product type description:  
SLG240COM-ER-(1)

(1)

<b>0500-02</b>	Distance between outermost beams 500 mm, 2-beam
<b>0800-03</b>	Distance between outermost beams 800 mm, 3-beam
<b>0900-04</b>	Distance between outermost beams 900 mm, 4-beam

## Pictures

### Product picture (catalogue individual photo)



ID: kslc4f67

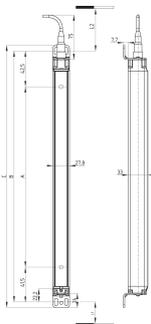
| 16.9 kB | .jpg | 79.728 x 273.756 mm - 226 x 776 px - 72 dpi

| 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



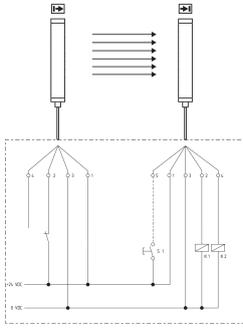
ID: kslg4g17

| 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

### Wiring example



ID: kslc2l06

| 124.5 kB | .jpg | 352.778 x 475.544 mm - 1000 x 1348 px - 72 dpi

Schmersal India Pvt. Ltd., Plot No - G-7/1, Ranjangaon MIDC, Tal. - Shirur, Dist.- Pune 412 220

The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

Generated on: 27/08/2024, 7:44 am