



SLG 415L-E/R0500-02-PB

- integrated optic muting sensors for unilateral muting (leaving of the hazardous area)
- 2 parallel arranged muting light beams
- Control Category 4
- **NOTICE: Not available! (Replacement: SLG 425I)**

Data

Ordering data

Note (Delivery capacity)	Not available!
eCl@ss number, Version 9.0	27-27-27-03
eCl@ss number, Version 11.0	27-27-27-03

General data

Standards	IEC/EN 61496-1/-2
Design of multi-ray photoelectric barrier	Emitter and receiver, separated
Enclosure material	Aluminium
Beam distance	500 mm
Gross weight	8,620 g
Reaction time, maximum	7 ms

General data - Features

Preliminary failure signal	Yes
Muting function	Yes

Override	Yes
Restart interlock (manual reset)	Yes
Beam coding available	Yes
Integral System Diagnostics, status	Yes
Integral System Diagnostics	Yes
Number of beams	2
Number of semi-conductor outputs with signaling function	1
Number of fail-safe digital outputs	2

Safety appraisal

Safety type in accordance with IEC 61496-1	4
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Mechanical data

Height of the protection field	510 mm
Range, protection field, minimum	0 mm
Range, protection field, maximum	2,500 mm
Wave length of the sensor	950 nm

Mechanical data - Connection technique

Terminal Connector	Connector
Terminal connector, Recipient	Connector plug M23, 19-pole
Terminal, Connector, Transmitter	Connector plug M12, 5-pole

Mechanical data - Dimensions

Length of sensor	50 mm
Width of sensor	60 mm
Height of sensor	776 mm

Ambient conditions

Degree of protection	IP65 to EN 60529
Ambient temperature, minimum	+0 °C
Ambient temperature, maximum	+55 °C
Storage and transport temperature, minimum	-20 °C
Storage and transport temperature, maximum	+70 °C
Protection rating	III

Electrical data

Voltage type	DC (direct current)
Switching voltage OSSD, HIGH signal	24 V
Electrical power consumption of the receiver	6 W
Electrical power consumption of the transmitter	3 W
Length of cable, maximum	100 m

Electrical data - Fail-safe digital outputs

Output current, (fail-safe output), maximum	0.5 A
Versions	p-type

Scope of delivery

Included in delivery	Emitter + receiver, mounting angle, T-slot nuts
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Accessory

Recommended safety switchgear	SCR 402R-301
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Notes

Note (General)

I_m In case of failure (interruption of the 0 V supply) the maximum leakage current is 0.3 mA.

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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.

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