



## SLG 412-E/R0500-02-12-H

- **NOTICE: Not available! (Replacement: SLG 422)**
- Integrated start/restart interlock
- Integrated contactor control
- Status display
- Optical synchronisation
- Fail-safe transistor outputs
- Control Category 4

## 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	4,950 g
Reaction time, maximum	7 ms

### General data - Features

Preliminary failure signal	Yes
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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	60,000 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	736 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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