



SLC 415I-E/R0460-90-12

- **NOTICE: Not available! (Replacement: SLC 425I)**
- Control Category 4

Data

Ordering data

Note (Delivery capacity)	Not available!
eCl@ss number, Version 9.0	27-27-27-04
eCl@ss number, Version 11.0	27-27-27-04

General data

Standards	IEC/EN 61496-1/-2
Enclosure material	Aluminium
Reaction time, maximum	8 ms

General data - Features

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	7
Number of fail-safe digital outputs	2

Safety appraisal

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

Detection ability for test bodies at $v = 1.6$ m/s	90 mm
Height of the protection field	460 mm
Range, protection field, minimum	0 mm
Range, protection field, maximum	16,000 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
Length of the connectable cable, maximum	100 m

Mechanical data - Dimensions

Length of sensor	50 mm
Width of sensor	60 mm
Height of sensor	586 mm

Ambient conditions

Degree of protection	IP65 to EN 60529
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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

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.

2 or 4 muting sensors can be connected.

The muting sensors (e.g. LF 50) must be ordered separately.

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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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