



SLC 410-E/R0910-20-12

- **NOTICE: Not available! (Replacement: SLC 420)**
- 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 | 15.5 ms |

General data - Features

| | |
|-------------------------------------|-----|
| Beam coding available | Yes |
| Integral System Diagnostics, status | Yes |
| Integral System Diagnostics | Yes |
| Number of beams | 90 |
| Number of fail-safe digital outputs | 2 |

Safety appraisal

Safety type in accordance with IEC 61496-1 4

Mechanical data

| | |
|----------------------------------|-----------|
| Height of the protection field | 910 mm |
| Range, protection field, minimum | 0 mm |
| Range, protection field, maximum | 18,000 mm |
| Wave length of the sensor | 950 nm |

Mechanical data - Connection technique

| | |
|------------------------------------------|----------------------------|
| Terminal Connector | Connector |
| Terminal connector, Recipient | Connector plug M12, 5-pole |
| Terminal, Connector, Transmitter | Connector plug M12, 5-pole |
| Length of the connectable cable, maximum | 100 m |

Mechanical data - Dimensions

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|------------------|----------|
| Length of sensor | 35 mm |
| Width of sensor | 45 mm |
| Height of sensor | 1,011 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 | 3 W |
| Electrical power consumption of the transmitter | 2 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 |
|----------------------|-------------------------------------------------|

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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