



SLC440COM-ER-1850-30

- Safety type 4 in accordance with IEC 61496-1
- Status and diagnostics via App with bluetooth
- Automatic start or restart interlock
- active integrated set-up tool
- Process safety with highest availability
- User-friendly parameter setting, no tools required
- optional degree of protection IP69 with protective enclosure (accessories)

Data

Ordering data

| | |
|-------------------------------|---------------|
| EAN (European Article Number) | 4030661458755 |
| eCl@ss number, Version 9.0 | 27-27-27-04 |
| eCl@ss number, Version 11.0 | 27-27-27-04 |

Approval - Standards

| | |
|--------------|---------------------|
| Certificates | TÜV cULus EAC |
|--------------|---------------------|

General data

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|------------------------|--------------------------|
| Standards | EN 61496-1 EN 61496-2 |
| Enclosure material | Aluminium |
| Gross weight | 2,920 g |
| Reaction time, maximum | 20 ms |

General data - Features

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|-------------------------------------|-----|
| Restart interlock (manual reset) | Yes |
| Integral System Diagnostics, status | Yes |
| Integral System Diagnostics | Yes |
| Number of beams | 92 |
| Number of fail-safe digital outputs | 2 |

Safety appraisal

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|--|----------------------------|
| Standards | EN ISO 13849-1 EN 62061 |
| Performance level, up to | e |
| Control category to EN13849 | 4 |
| PFH-value | 8.05×10^{-9} /h |
| Safety Integrity Level (SIL), suitable for applications in | 3 |
| Mission Time | 20 Year(s) |
| Safety type in accordance with IEC 61496-1 | 4 |

Mechanical data

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|--|-----------|
| Detection ability for test bodies at $v = 1.6$ m/s | 30 mm |
| Height of the protection field | 1,850 mm |
| Range, protection field, minimum | 300 mm |
| Range, protection field, maximum | 10,000 mm |
| Wave length of the sensor | 880 nm |

Mechanical data - Connection technique

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|--------------------|-----------|
| Terminal Connector | Connector |
|--------------------|-----------|

| | |
|--|----------------------------|
| Terminal connector, Recipient | Connector plug M12, 5-pole |
| Terminal, Connector, Transmitter | Connector plug M12, 4-pole |
| Length of the connectable cable, maximum | 100 m |

Mechanical data - Dimensions

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|------------------|----------|
| Length of sensor | 33 mm |
| Width of sensor | 27.8 mm |
| Height of sensor | 1,891 mm |

Ambient conditions

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| Degree of protection | IP67 to EN 60529 |
| Ambient temperature, minimum | -10 °C |
| Ambient temperature, maximum | +50 °C |
| Storage and transport temperature, minimum | -25 °C |
| Storage and transport temperature, maximum | +70 °C |
| Protection rating | III |

Electrical data

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|--|---------------------|
| Voltage type | DC (direct current) |
| 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 - Fail-safe digital outputs

| | |
|---|--------|
| Output current, (fail-safe output), maximum | 0.25 A |
| Versions | p-type |

Scope of delivery

Included in delivery

Kit with 2 mounting angles

Accessory

Recommended safety switchgear

SRB-E 301

Notes

Note (General)

I_m In case of failure (interruption of the 0 V supply) the maximum leakage current is 1 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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