

## Data sheet

Commercial Art.No.: R1.610.0750.0

light curtain SLC4-B14-0750

Safety Light Curtain Base, Transmitter + Receiver, Type 4, PL e, Resolution 14 mm (Finger Protection), Protective Field Height 750 mm, Supply Voltage 24 V, Connector M12, Transmitter 5-poles, Receiver 5-poles, Mounting L-Bracket Set included



certificates / approvals



## Technical data

### function

|                      |                          |
|----------------------|--------------------------|
| sensor element       | Transmitter and receiver |
| with muting function | no                       |
| with muting display  | no                       |
| with beam coding     | no                       |
| automatic start      | yes                      |
| restart interlock    | no                       |
| alignment aid        | no                       |
| blinking             | no                       |
| cascadable           | yes                      |

### technical data

|                           |               |
|---------------------------|---------------|
| type acc. EN 61496-1      | 4             |
| resolution                | 14 mm         |
| protective field height   | 750 mm        |
| distance                  | 0,2 - 10 m    |
| connection                | connector M12 |
| nominal voltage           | 24 V          |
| voltage type              | DC            |
| number of OSSD outputs    | 2             |
| max. output current       | 250 mA        |
| degree of protection (IP) | IP65/IP67     |
| mission time TM           | 20 a          |
| ambient temperature min.  | -30 °C        |
| ambient temperature max.  | 55 °C         |
| housing material          | aluminum      |

### safety parameters

|                               |         |
|-------------------------------|---------|
| category (ISO 13849-1)        | 4       |
| PL (ISO 13849-1)              | level e |
| SIL <sub>CL</sub> (IEC 62061) | 3       |

|                                     |              |
|-------------------------------------|--------------|
| PFH <sub>d</sub> (High demand mode) | 2.62 E-8 1/h |
| HFT                                 | 1            |
| SSF                                 | 100 %        |
| DC                                  | 99 %         |
| MTTF <sub>d</sub>                   | 43 a         |
| T <sub>M</sub>                      | 20 a         |

**classification**

|            |          |
|------------|----------|
| ECLASS 11  |          |
| ECLASS 8.1 | 27270910 |
| ETIM 9.0   | EC002549 |
| ETIM 8.0   | EC002549 |
| ETIM 7.0   | EC002549 |
| ETIM 6.0   | EC002549 |
| ETIM 5.0   | EC002549 |
| ETIM 4.0   | EC002549 |
| ETIM 3.0   | EC002549 |