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## **DATALOGIC - SG4-FINGER**

SG4-14-135-00-E Lightcurtain 1350mm, 14mm, type 4

- Range up to 6 m
- Protection height 150-1800 mm
- Type 4 (PLe SIL 3)
- · Compact profile



## PRODUCT DESCRIPTION

SG4-Finger is a safety light curtain with a range of up to 6 metres.

This Type 4 light curtain maintains the highest safety level according to the latest safety standards EN ISO 13849-1 and EN 62061.

SG4-Finger curtain has built-in monitored reset, an input for monitoring of external contactors and two solid state safety outputs which are also electronically monitored.

This means that the SG4-Finger can work as a "standalone" unit if required and is not in need of any special control unit.

## **TECHNICAL DATA**

| Additional features          | EDM, reset (automatic/manual), test input |
|------------------------------|---|
| Approvals                    | CE, cULus, TÜV                            |
| Cable connection receiver    | M12, 8-pole                               |
| Cable connection transmitter | M12, 4-pole                               |
| Cable length max             | 50 m                                      |
| Contact current max          | 0.5 A                                     |
| DC                           | 99 %                                      |
| Function                     | Manual/automatic restart, EDM             |
| In compliance with           | EMC, LVD, MD                              |
| IP class                     | IP65                                      |
| LED indication               | 6 x LED, 7-segment (SSD) display          |
|                              |   |

| Material of body            | Aluminium   |
|-----------------------------|---|
| MTTFd                       | 444 year(s)   |
| Number of beams             | 144   |
| PL                          | e (EN ISO 13849-1)                                    |
| Power consumption           | Transmitter max. 2,5 W, receiver 3,5 W (without load) |
| Protection height           | 1350 mm   |
| Range                       | 0,2-6 m   |
| Reaction time               | 40 ms   |
| Resolution                  | 14 mm   |
| Safe outputs                | 2 OSSD  |
| SIL                         | 3 (EN IEC 62061)                                      |
| Supply voltage              | 24 V DC   |
| T1 (Life time in years)     | 20  |
| Temperature operational max | 55 °C   |
| Temperature operational min | 0 °C  |
| Туре                        | Finger and hand protection                            |
| Voltage tolerance           | ±20 %   |

