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# DATALOGIC - SG4-FINGER

SG4-14-150-OO-E
957901090 Type 4 14mm Finger Res 1500mm Protection Height



- 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

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|---|---|
| **Supply voltage** | 24 V DC |
| **Function** | Manual/automatic restart, EDM |
| **IP class** | IP65 |
| **Reaction time** | 43 ms |
| **LED indication** | 6 x LED, 7-segment (SSD) display |
| **Material of body** | Aluminium |
| **Temperature operational max** | 55 °C |
| **Temperature operational min** | 0 °C |
| **Approvals** | CE, cULus, TÜV |
| **Range** | 0,2-6 m |

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|---|---|
| **Protection height** | 1500 mm |

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| **Power consumption** | Transmitter max. 2,5 W, receiver 3,5 W (without load) |
| **Type** | Finger and hand protection |
| **PL** | e (EN ISO 13849-1) |
| **SIL** | 3 (EN IEC 62061) |
| **Voltage tolerance** | ±20 % |
| **Safe outputs** | 2 OSSD |
| **T1 (Life time in years)** | 20 |
| **Cable connection receiver** | M12, 8-pole |
| **Cable connection transmitter** | M12, 4-pole |
| **Cable length max** | 50 m |
| **In compliance with** | EMC, LVD, MD |
| **Contact current max** | 0.5 A |
| **DC** | 99 % |
| **Additional features** | EDM, reset (automatic/manual), test input |
| **MTTFd** | 444 year(s) |
| **Number of beams** | 160 |















