

DATALOGIC - LIGHT CURTAINS SG4-EXTENDED-FINGER

SG4-14-030-OO-P
 SG4-14-030-OO-P 14mm Res Type

- Range up to 7m
- Protection height 150-1800 mm
- Type 4 (PLe SIL 3)
- No dead zones (full active face)
- Programmable functionality with built in muting, blanking, override etc.



PRODUCT DESCRIPTION

SG4-Extended (Finger) is a safety light curtain with a range of up to 7 metres and has extra functionality including muting and blanking programmable by push button or PC.

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

SG4-Extended 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-Extended can work as a "standalone" unit if required and is not in need of any special control unit.

TECHNICAL DATA

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| Additional features | Muting, override, blanking, EDM, reset, cascade |
| Approvals | CE, cULus, TÜV |
| Cable connection receiver | M12, 12-pole for blanking; M12, 12-pole + M12, 5-pole for muting |
| Cable connection transmitter | M12, 5-pole |
| Cable length max | 50 m |
| Contact current max | 0.5 A |
| DC | 99 % |
| Function | Manual/automatic restart, EDM, Override, Muting, Blanking |
| In compliance with | EMC, LVD, MD |
| IP class | IP65 |

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| Material of body | Aluminium |
| MTTFd | 444 year(s) |
| Number of beams | 32 |
| PL | e (EN ISO 13849-1) |
| Power consumption | Transmitter max 3 W. Receiver 5 W (without load) |
| Protection height | 300 mm |
| Range | 0,2-7 m |
| Reaction time | 20 ms |
| Safe outputs | 2 OSSD |
| SIL | 3 (EN IEC 62061) |
| Supply voltage | 24 V DC |
| T1 (Life time in years) | 20 |
| Temperature operational max | 50 °C |
| Temperature operational min | 0 °C |
| Type | 4 |
| Voltage tolerance | ±20 % |

