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# DATALOGIC - LIGHT CURTAINS SG4-EXTENDED-HAND

SG4-30-075-OO-P
LJUSRIDÅ L=750mm/30mm/0-20M



- Range up to 20m
- 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(Hand) is a safety light curtain with a range of up to 20 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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|---|---|
| **Supply voltage** | 24 V DC |
| **Function** | Manual/automatic restart, EDM, Override, Muting, Blanking |
| **IP class** | IP65 |
| **Reaction time** | 16 ms |
| **Material of body** | Aluminium |
| **Temperature operational max** | 50 °C |
| **Temperature operational min** | 0 °C |
| **Approvals** | CE, cULus, TÜV |
| **Range** | 0,2-20 m |

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|---|---|
| **Protection height** | 750 mm |

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| **Power consumption** | Transmitter max 3 W. Receiver 5 W (without load) |
| **PL** | e (EN ISO 13849-1) |
| **SIL** | 3 (EN IEC 62061) |
| **Voltage tolerance** | ±20 % |
| **Safe outputs** | 2 OSSD |
| **T1 (Life time in years)** | 20 |
| **Type** | 4 |
| **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 |
| **In compliance with** | EMC, LVD, MD |
| **Contact current max** | 0.5 A |
| **DC** | 99 % |
| **Additional features** | Muting, override, blanking, EDM, reset, cascade |
| **MTTFd** | 444 year(s) |
| **Number of beams** | 40 |

