0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk



## **DATALOGIC - LIGHT CURTAINS SG4-EXTENDED-HAND**

SG4-30-165-OO-P Lightcurtain L=1650mm/30mm/0-20M/type 4

- 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**

| 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   |
| Material of body             | Aluminium  |

| MTTFd                       | 444 year(s)                                      |
|-----------------------------|--|
| Number of beams             | 88   |
| PL                          | e (EN ISO 13849-1)                               |
| Power consumption           | Transmitter max 3 W. Receiver 5 W (without load) |
| Protection height           | 1650 mm  |
| Range                       | 0,2-20 m   |
| Reaction time               | 21 ms  |
| Resolution                  | 30 mm  |
| 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   |
| Туре                        | 4  |
| Voltage tolerance           | ±20 %  |

