

## DATALOGIC - LIGHT CURTAINS SG4-EXTENDED-HAND

SG4-30-120-OO-P

Lightcurtain L=1200mm/30mm/0-20M/type 4

- Range up to 20m
- Protection height 150-1800 mm
- Type 4 (PL<sub>e</sub> 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.

### SPECIFICATIONS

|                            |   |
|----------------------------|---|
| <b>Approvals</b>           | CE, cULus, TÜV  |
| <b>Cable Length Max</b>    | 50 m  |
| <b>Conforming To</b>       | EMC, LVD, MD  |
| <b>Contact Current Max</b> | 0.5 A   |
| <b>DC</b>                  | 99 %  |
| <b>Function</b>            | Manual/Automatic restart, EDM, Override, Muting, Blanking |
| <b>IP Class</b>            | IP65  |
| <b>Material of body</b>    | Aluminium   |
| <b>Mttd</b>                | 444 year  |
| <b>Number Of Beams</b>     | 64  |
| <b>PL</b>                  | e (EN ISO 13849-1)  |

|                         |                  |
|-------------------------|------------------|
| Protection height       | 1200 mm          |
| Reaction time           | 19 ms            |
| Resolution              | 30 mm            |
| Scope                   | 0,2-20 m         |
| SIL                     | 3 (EN IEC 62061) |
| Supply voltage          | 24 V DC          |
| T1 (Life Time In Years) | 20               |
| Temperature range from  | 0 °C             |
| Temperature range to    | 50 °C            |
| Voltage Tolerance       | ±20 %            |

