

## DATALOGIC - LIGHT CURTAINS SLIM

SL4-24-0150-E  
957910340 Type 4 24mm Hand Res 150mm Prot  
Height SLIM

- Range up to 6 m
- Slim profile 15x32 mm
- No dead zones
- Resolution 14, 24 and 34 mm
- Cascadable up to 3 units with 34 different protection heights at 30mm intervals



### PRODUCT DESCRIPTION

SLIM is a safety light curtain with a range of up to 6 metres designed to fit in the smallest spaces.

With 34 different protection heights at 30mm intervals it is one of the most flexible light curtains on the market.

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

Datalogic's SLIM light 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

|                                     |   |
|-------------------------------------|---|
| <b>Additional features</b>          | EDM, reset functions                            |
| <b>Approvals</b>                    | CE, cULus, TÜV                                  |
| <b>Cable connection receiver</b>    | M12, 5-pole                                     |
| <b>Cable connection transmitter</b> | M12, 5-pole                                     |
| <b>Cable length max</b>             | 20 m  |
| <b>Contact current max</b>          | 0,3 A   |
| <b>DC</b>                           | 98,80 %   |
| <b>Distance max</b>                 | 6 m   |
| <b>Function</b>                     | Calibration mode, Manual/automatic restart, EDM |
| <b>In compliance with</b>           | EMC, LVD, MD                                    |

|                                    |  |
|------------------------------------|--|
| <b>IP class</b>                    | IP65   |
| <b>Material of body</b>            | Aluminium  |
| <b>MTTFd</b>                       | 191 year(s)                                      |
| <b>Number of beams</b>             | 8  |
| <b>PL</b>                          | e (EN ISO 13849-1)                               |
| <b>Power consumption</b>           | Transmitter 1,6W. Receiver 4,2 W. (without load) |
| <b>Protection height</b>           | 150 mm   |
| <b>Range</b>                       | 0,2-6 m  |
| <b>Reaction time</b>               | 7 ms   |
| <b>Resolution</b>                  | 24 mm  |
| <b>Safe outputs</b>                | 2 OSSD   |
| <b>SFF</b>                         | 98,93 %  |
| <b>SIL</b>                         | 3 (EN IEC 62061)                                 |
| <b>Supply voltage</b>              | 24 V DC  |
| <b>T1 (Life time in years)</b>     | 20   |
| <b>Temperature operational max</b> | 55 °C  |
| <b>Temperature operational min</b> | -10 °C   |
| <b>Type</b>                        | 4  |
| <b>Voltage tolerance</b>           | ±20 %  |

