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# DATALOGIC - LIGHT CURTAINS SLIM

SL4-24-0750-E
957910520 Type 4 24mm Hand Res 750mm 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

| | |
|---|---|
| **Supply voltage** | 24 V DC |
| **Function** | Calibration mode, Manual/automatic restart, EDM |
| **IP class** | IP65 |
| **Reaction time** | 10 ms |
| **Material of body** | Aluminium |
| **Temperature operational max** | 55 °C |
| **Temperature operational min** | -10 °C |
| **Approvals** | CE, cULus, TÜV |
| **Range** | 0,2-6 m |

| | |
|---|---|
| **Protection height** | 750 mm |
| **Power consumption** | Transmitter 1,6W. Receiver 4,2 W. (without load) |
| **PL** | e (EN ISO 13849-1) |
| **SFF** | 98,93 % |
| **SIL** | 3 (EN IEC 62061) |
| **Voltage tolerance** | ±20 % |
| **Safe outputs** | 2 OSSD |
| **T1 (Life time in years)** | 20 |
| **Type** | 4 |
| **Cable connection receiver** | M12, 5-pole |
| **Cable connection transmitter** | M12, 5-pole |
| **Cable length max** | 20 m |
| **In compliance with** | EMC, LVD, MD |
| **Contact current max** | 0.3 A |
| **DC** | 98,80 % |
| **Distance max** | 6 m |
| **Additional features** | EDM, reset functions |
| **MTTFd** | 191 year(s) |
| **Number of beams** | 40 |















