

## DATALOGIC - LIGHT CURTAINS SLIM

SL4-24-0960-E  
957910590 Type 4 24mm Hand Res 960mm 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

IP class	IP65
Material of body	Aluminium
MTTFd	191 year(s)
Number of beams	51
PL	e (EN ISO 13849-1)
Power consumption	Transmitter 1,6W. Receiver 4,2 W. (without load)
Protection height	960 mm
Range	0,2-6 m
Reaction time	11 ms
Resolution	14 mm
Safe outputs	2 OSSD
SFF	98,93 %
SIL	3 (EN IEC 62061)
Supply voltage	24 V DC
T1 (Life time in years)	20
Temperature operational max	55 °C
Temperature operational min	-10 °C
Type	4
Voltage tolerance	±20 %

