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DATALOGIC - SG4-FINGER

SG4-14-045-OO-E
SG4-14-045-OO-E 14mm Res Type



- Range up to 6 m
- Protection height 150-1800 mm
- Type 4 (PLe SIL 3)
- Compact profile

PRODUCT DESCRIPTION

SG4-Finger is a safety light curtain with a range of up to 6 metres.

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

SG4-Finger 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	Manual/automatic restart, EDM
IP class	IP65
Reaction time	18 ms
LED indication	6 x LED, 7-segment (SSD) display
Material of body	Aluminium
Temperature operational max	55 °C
Temperature operational min	0 °C
Approvals	CE, cULus, TÜV
Range	0,2-6 m

Protection height	450 mm

Power consumption	Transmitter max. 2,5 W, receiver 3,5 W (without load)
Type	Finger and hand protection
PL	e (EN ISO 13849-1)
SIL	3 (EN IEC 62061)
Voltage tolerance	±20 %
Safe outputs	2 OSSD
T1 (Life time in years)	20
Cable connection receiver	M12, 8-pole
Cable connection transmitter	M12, 4-pole
Cable length max	50 m
In compliance with	EMC, LVD, MD
Contact current max	0.5 A
DC	99 %
Additional features	EDM, reset (automatic/manual), test input
MTTFd	444 year(s)
Number of beams	48











