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DATALOGIC - LIGHT CURTAINS SG4-EXTENDED-FINGER

SG4-14-090-OO-P
SG4-14-090-OO-P 14mm Res Type



- Range up to 7m
- Protection height 150-1800 mm
- Type 4 (PLe SIL 3)
- No dead zones (full active face)
- Programmable functionality with built in muting, blanking, override etc.

PRODUCT DESCRIPTION

SG4-Extended (Finger) is a safety light curtain with a range of up to 7 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.

TECHNICAL DATA

Supply voltage	24 V DC
Function	Manual/automatic restart, EDM, Override, Muting, Blanking
IP class	IP65
Reaction time	38 ms
Material of body	Aluminium
Temperature operational max	50 °C
Temperature operational min	0 °C
Approvals	CE, cULus, TÜV
Range	0,2-7 m

Protection height	900 mm

Power consumption	Transmitter max 3 W. Receiver 5 W (without load)
PL	e (EN ISO 13849-1)
SIL	3 (EN IEC 62061)
Voltage tolerance	±20 %
Safe outputs	2 OSSD
T1 (Life time in years)	20
Type	4
Cable connection receiver	M12, 12-pole for blanking; M12, 12-pole + M12, 5-pole for muting
Cable connection transmitter	M12, 5-pole
Cable length max	50 m
In compliance with	EMC, LVD, MD
Contact current max	0.5 A
DC	99 %
Additional features	Muting, override, blanking, EDM, reset, cascade
MTTFd	444 year(s)
Number of beams	96

