OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

DATALOGIC - LIGHT CURTAINS SG4-EXTENDED-HAND

SG4-30-030-OO-P
Lightcurtain L=300mm/30mm/0-20M/type 4



- Range up to 20m
- 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(Hand) is a safety light curtain with a range of up to 20 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

Additional features	Muting, override, blanking, EDM, reset, cascade
Approvals	CE, cULus, TÜV
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
Contact current max	0.5 A
DC	99 %
Function	Manual/automatic restart, EDM, Override, Muting, Blanking
In compliance with	EMC, LVD, MD
IP class	IP65
Material of body	Aluminium

MTTFd	444 year(s)
Number of beams	16
PL	e (EN ISO 13849-1)
Power consumption	Transmitter max 3 W. Receiver 5 W (without load)
Protection height	300 mm
Range	0,2-20 m
Reaction time	13 ms
Safe outputs	2 OSSD
SIL	3 (EN IEC 62061)
Supply voltage	24 V DC
T1 (Life time in years)	20
Temperature operational max	50 °C
Temperature operational min	0 °C
Type	4
Voltage tolerance	±20 %

