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

DATALOGIC - STAINLESS STEEL LIGHT CURTAIN SG4-H

SG4-H14-015-OO-X-B
Stainless steel Light Curtain



- AISI 316L stainless steel with roughness under 0.8 micron
- IP69K full protection
- Type 4 according to EN 61496-1
- Compact profile, 50x30 mm
- Rounded surfaces with no gaps or sharp edges

PRODUCT DESCRIPTION

SG4-H safety light curtain offers finger protection with an IP69K stainless steel housing designed for the Pharma industry and a 6 metre range.

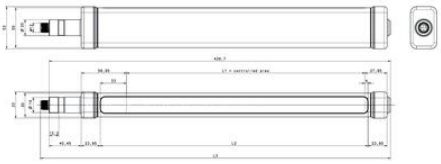
This Type 4 light curtain maintains the highest safety level according to the latest safety standards EN ISO 13849-1 and EN 62061.

SG4-H light curtain has two solid state safety outputs which are electronically monitored.

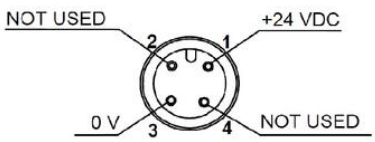
TECHNICAL DATA

Approvals	CE, cULus, TÜV
Cable connection receiver	M12, 5-pole
Cable connection transmitter	M12, 4-pole
Cable length max	50 m
Contact current max	0.5 A
DC	99 %
In compliance with	EMC, LVD, MD
IP class	IP65
Material of body	Stainless steel 316L
MTTFd	444 year(s)
Number of beams	16
PL	e (EN ISO 13849-1)

Power consumption	Transmitter 2,5W. Receiver 3,5W. (without load)
Protection field	150 mm
Range	0,2-6 m
Reaction time	11 ms
Safe outputs	2 OSSD
SFF	99,30 %
SIL	3 (EN IEC 62061)
Storage temperature max	70 °C
Storage temperature min	-25 °C
Supply voltage	24 V DC, stabilized
T1 (Life time in years)	20
Temperature operational max	55 °C
Temperature operational min	-10 °C
Type	4
Voltage tolerance	±20 %

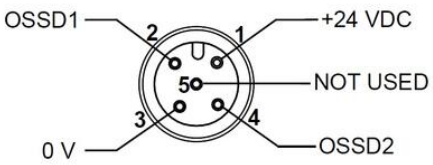


M12 4-POLE CONNECTOR

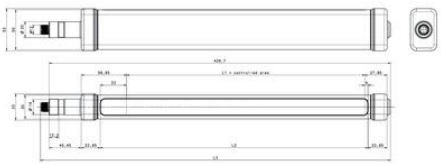


1 = brown = +24 VDC
2 = white = NOT USED
3 = blue = 0 V
4 = black = NOT USED

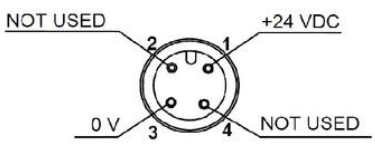
M12 5-POLE CONNECTOR



1 = brown = +24 VDC
2 = white = OSSD 1
3 = blue = 0 V
4 = black = OSSD 2
5 = grey = NOT USED

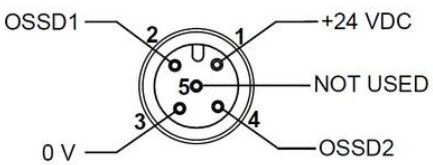


M12 4-POLE CONNECTOR



1 = brown = +24 VDC
2 = white = NOT USED
3 = blue = 0 V
4 = black = NOT USED

M12 5-POLE CONNECTOR



1 = brown = +24 VDC
2 = white = OSSD 1
3 = blue = 0 V
4 = black = OSSD 2
5 = grey = NOT USED