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

DATASENSING SH4-ADVANCED HAND PROTECTION SAFETY LIGHT CURTAIN

SH4-30-0450-A-12-5
SH4 Advanced Type 4 30mm Resolution 450mm Protection Height



- Hand protection (R30), range 0.2-20 m
- Protection height 300-2250mm
- Temperature Range from -30 to +55 °C
- Versatile muting functions programmable via wi-fi

PRODUCT DESCRIPTION

The Datasensing SH4-Advanced safety light curtain is fully programmable via Wi-Fi, with the SH4-designer program. Programmable fuctions include partial muting, dynamic muting, 4-signal muting, and versatile blanking functions.

TECHNICAL DATA

Supply voltage	24 V DC
Function	Muting, Blanking, EDM, Manual/automatic restart
Reaction time	8 ms
Material of body	Aluminium
Temperature operational max	55 °C
Temperature operational min	-30 °C
Sensing distance	0,2-20 m

Protection height	450 mm
PL	e
SIL	3
Voltage tolerance	± 20%
MTTFd	43 year(s)
Number of beams	18

RECEIVER DUAL CONNECTOR

RX M12 MALE 12 PIN



1 - 24V (brown)
2 - 0V (blue)
3 - GP_IN1 (white)
4 - GP_IN2 (green)
5 - OSSD2 (pink)
6 - GP_IN3 (yellow)
7 - GP_IN4 (black)
8 - OSSD1 (grey)
9 - 0VR2 (red)
10 - GP_IO1 (violet)
11 - GP_IO2 (grey-pink)[3]
12 - NOT CONNECTED (red-blue)

RX M12 FEMALE 5 PIN



1 - 24V OUT (brown)
2 - GP_IN5 (white)
3 - 0V OUT (blue)
4 - GP_IN6 (black)
5 - GP_IO2 (grey)[4]

EMITTER DUAL CONNECTOR

TX M12 MALE 5 PIN



1 - 24V (brown)
2 - TEST/(AIMER) (white)[1]
3 - 0V (blue)
4 - CODE (black)[2]
5 - COM (grey)

TX M12 FEMALE 5 PIN



1 - 24V OUT (brown)
2 - TEST/(AIMER) (white)
3 - 0V OUT (blue)
4 - CODE (black)
5 - CASCOM (grey)



