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DATASENSING SH4-ADVANCED HAND PROTECTION SAFETY LIGHT CURTAIN

SH4-30-0900-A-12
SH4 Advanced Type 4 30mm Resolution 900mm 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	10 ms
Material of body	Aluminium
Temperature operational max	55 °C
Temperature operational min	-30 °C
Sensing distance	0,2-20 m

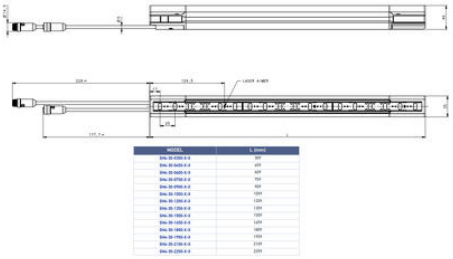
Protection height	900 mm
PL	e
SIL	3
Voltage tolerance	± 20%
MTTFd	43 year(s)
Number of beams	36

RECEIVER
RX M12 MALE 12 PIN

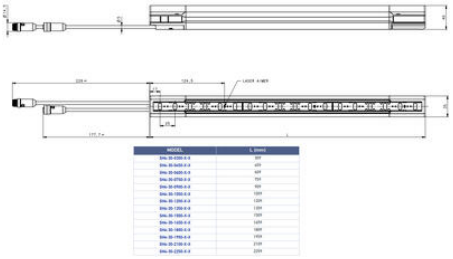
1 - 24V (brown)
2 - 0V (blue)
3 - GP_IN1 (white)
4 - GP_IN2 (green)
5 - OSSD2 (pink)
6 - GP_IN3 (yellow)
7 - GP_IO1 (black)
8 - OSSD1 (grey)
9 - GP_IN4 (red)
10 - GP_IO2 (violet)
11 - OVR2 (grey-pink)
12 - GP_IN5 (red-blue)

EMITTER
TX M12 MALE 5 PIN

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



MODEL	L (mm)
Dms-30-0300-X-S	307
Dms-30-0450-X-S	459
Dms-30-0600-X-S	609
Dms-30-0750-X-S	760
Dms-30-0900-X-S	910
Dms-30-1050-X-S	1059
Dms-30-1200-X-S	1209
Dms-30-1350-X-S	1359
Dms-30-1500-X-S	1509
Dms-30-1650-X-S	1659
Dms-30-1800-X-S	1809
Dms-30-1950-X-S	1958
Dms-30-2100-X-S	2109
Dms-30-2250-X-S	2259



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