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DATASENSING SH4-ADVANCED FINGER PROTECTION SAFETY LIGHT CURTAIN

SH4-14-0450-A-12
SH4 Advanced Type 4 14mm Resolution 450mm Protection Height



- Finger protection (R14), range 0.2-10 m
- Protection height 300-2250mm
- Temperature Range from -30 to +55 °C
- Versatile muting functions programmable via wi-fi

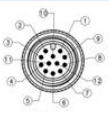
PRODUCT DESCRIPTION

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

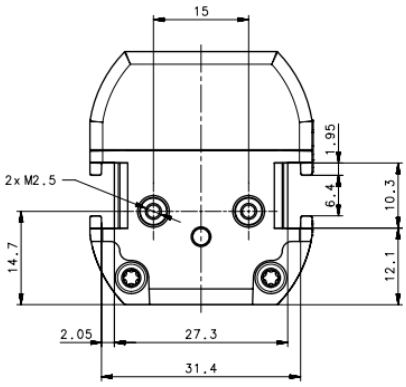
Supply voltage	24 V DC
Function	Muting, Blanking, EDM, Manual/automatic restart
Reaction time	10 ms
Material of body	Aluminium
Temperature operational max	55 °C
Temperature operational min	-30 °C
Sensing distance	0,2-10 m

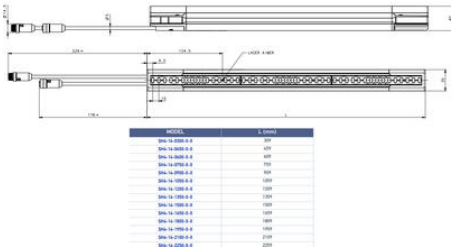
Protection height	450 mm
PL	e
SIL	3
Voltage tolerance	± 20%
MTTFd	43 year(s)
Number of beams	45

RECEIVER	EMITTER
RX M12 MALE 12 PIN	TX M12 MALE 5 PIN
	
1 - 24V (brown)	1 - 24V (brown)
2 - 0V (blue)	2 - TEST/(AIMER) (white)
3 - GP_IN1 (white)	3 - 0V (blue)
4 - GP_IN2 (green)	4 - CODE (black)
5 - OSSD2 (pink)	5 - COM (grey)
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)	



MODEL	L (mm)
SHA-14-0350-0-X	350
SHA-14-0450-0-X	450
SHA-14-0600-0-X	600
SHA-14-0750-0-X	750
SHA-14-0900-0-X	900
SHA-14-1050-0-X	1050
SHA-14-1200-0-X	1200
SHA-14-1350-0-X	1350
SHA-14-1500-0-X	1500
SHA-14-1650-0-X	1650
SHA-14-1800-0-X	1800
SHA-14-1950-0-X	1950
SHA-14-2100-0-X	2100
SHA-14-2250-0-X	2250





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