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DATASENSING SH4-STANDARD FINGER PROTECTION SAFETY LIGHT CURTAIN

SH4-14-0450-S-8
SH4 Standard 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
- 2 x OSSD safety outputs

PRODUCT DESCRIPTION

With Datasensing's SH4-STANDARD safety light curtain, you can select between manual/automatic reset function and EDM monitoring for external contacts if required.
The functions are selected by the receiver connections.

The finger protection resolution is 14mm and the maximum distance between the emitter and receiver is 10m.

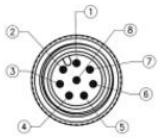
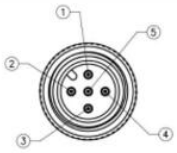
SH4 Safety light curtains do not have a dead zone, they detect throughout the entire length of the light curtain.

TECHNICAL DATA

Supply voltage	24 V DC
Function	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 STANDARD	EMITTER
RX M12 MALE 8 PIN	TX M12 MALE 5 PIN
	
1- RESET/RESTART (white)	1 - 24V (brown)
2- 24V (brown)	2 - TEST (white)
3- EDM SEL (green)	3 - 0V (blue)
4- EDM (yellow)	4 - NOT CONNECTED (black)
5- OSSD1 (grey)	5 - COM (grey)
6- OSSD2 (pink)	
7- 0V (blue)	
8- MAN_AUTO (red)	



