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

DATASENSING SH4-STANDARD FINGER PROTECTION SAFETY LIGHT CURTAIN

SH4-14-0300-S-8
SH4 Standard Type 4 14mm Resolution 300mm 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.

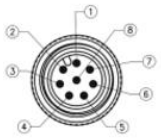
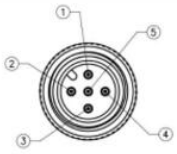
The finger protection resolution is 14mm and the maximum distance between the emitter and receiver is 10m.

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

TECHNICAL DATA

Function	EDM, Manual/automatic restart
Material of body	Aluminium
MTTFd	43 year(s)
Number of beams	30
PL	e
Protection height	300 mm
Reaction time	9 ms
Sensing distance	0,2-10 m
SIL	3
Supply voltage	24 V DC
Temperature operational max	55 °C
Temperature operational min	-30 °C

Voltage tolerance	± 20%

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)	

