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

DATASENSING SH4-BASE FINGER PROTECTION SAFETY LIGHT CURTAIN

SH4-14-2250-B-5
SH4 Base Type 4 14mm Resolution 2250mm Protection Height



- Finger protection (R14), range 0.2-10 m
- Controlled height 300-2250mm
- Temperature Range from -30 to +55 °C
- 2 x OSSD safety outputs

PRODUCT DESCRIPTION

Datasensing's SH4-BASE is a simple safety light curtain. All you need is a supply voltage for the emitter and receiver and from the receiver you get your safety outputs. (2 x OSSD)

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

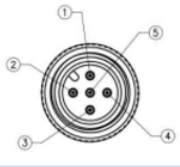
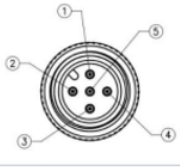
SH4 Safety light curtains do not have a dead zone, they detect throughout the entire length of the light curtain.

TECHNICAL DATA

Supply voltage	24 V DC
Function	Automatic restart
Reaction time	29 ms
Material of body	Aluminium
Temperature operational max	55 °C
Temperature operational min	-30 °C
Sensing distance	0,2-10 m

Protection height	2250 mm
PL	e
SIL	3
Voltage tolerance	± 20%
MTTFd	43 year(s)

Number of beams	225

RECEIVER BASE	EMITTER
RX M12 MALE 5 PIN	TX M12 MALE 5 PIN
	
1 - 24V (brown)	1 - 24V (brown)
2 - OSSD1 (white)	2 - TEST (white)
3 - 0V (blue)	3 - 0V (blue)
4 - OSSD2 (black)	4 - NOT CONNECTED (black)
5 - COM (grey)	5 - COM (grey)

