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DATASENSING SH4-BASE HAND PROTECTION SAFETY LIGHT CURTAIN

SH4-30-0300-B-5
SH4 Base Type 4 30mm Resolution 300mm Protection Height



- Hand protection (R30), range 0.2-20 m
- Protection 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)

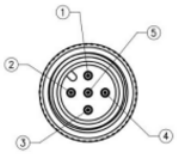
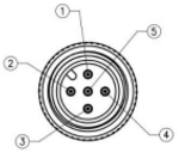
The Hand protection resolution is 30mm and the maximum distance between the emitter and receiver is 20m.

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

TECHNICAL DATA

Function	Automatic restart
IP class	IP65, IP67
Material of body	Aluminium
MTTFd	43 year(s)
Number of beams	12
PL	e
Protection height	300 mm
Reaction time	7 ms
Sensing distance	0,2-20 m
SIL	3
Supply voltage	24 V DC
Temperature operational max	55 °C

Temperature operational min	-30 °C
Voltage tolerance	± 20%

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)

