

## 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)

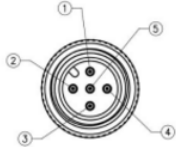
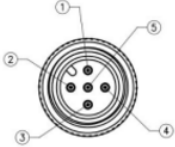
The Hand protection resolution is 30mm and the maximum distance between the emitter and receiver is 20m.

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

### TECHNICAL DATA

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

