

## DATASENSING SH4-BASE FINGER PROTECTION SAFETY LIGHT CURTAIN

SH4-14-0750-B-5

SH4 Base Type 4 14mm Resolution 750mm 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

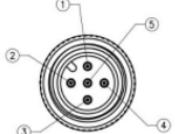
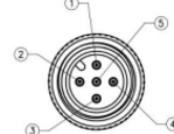
<b>Function</b>	Automatic restart
<b>Material of body</b>	Aluminium
<b>MTTFd</b>	43 year(s)
<b>Number of beams</b>	75
<b>PL</b>	e
<b>Protection height</b>	750 mm
<b>Reaction time</b>	13 ms
<b>Resolution</b>	14 mm
<b>Sensing distance</b>	0,2-10 m
<b>SIL</b>	3
<b>Supply voltage</b>	24 V DC
<b>Temperature operational max</b>	55 °C

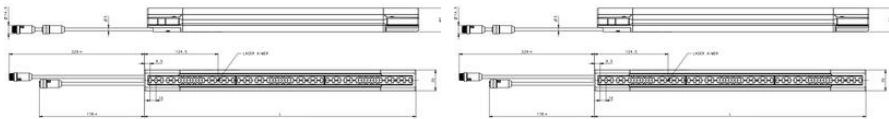
**Temperature operational min**

-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)



MODEL	L (mm)
Sme-1a-5000-A-5	209
Sme-1a-5000-A-3	207
Sme-1a-5000-A-2	205
Sme-1a-5000-A-1	203
Sme-1a-5000-A	201
Sme-1a-1000-A-5	1009
Sme-1a-1000-A-3	1007
Sme-1a-1000-A-2	1005
Sme-1a-1000-A-1	1003
Sme-1a-1000-A	1001
Sme-1a-1500-A-5	1509
Sme-1a-1500-A-3	1507
Sme-1a-1500-A-2	1505
Sme-1a-1500-A-1	1503
Sme-1a-1500-A	1501
Sme-1a-2000-A-5	2009
Sme-1a-2000-A-3	2007
Sme-1a-2000-A-2	2005
Sme-1a-2000-A-1	2003
Sme-1a-2000-A	2001

MODEL	L (mm)
Sme-1a-2500-A-5	2509
Sme-1a-2500-A-3	2507
Sme-1a-2500-A-2	2505
Sme-1a-2500-A-1	2503
Sme-1a-2500-A	2501
Sme-1a-3000-A-5	3009
Sme-1a-3000-A-3	3007
Sme-1a-3000-A-2	3005
Sme-1a-3000-A-1	3003
Sme-1a-3000-A	3001
Sme-1a-3500-A-5	3509
Sme-1a-3500-A-3	3507
Sme-1a-3500-A-2	3505
Sme-1a-3500-A-1	3503
Sme-1a-3500-A	3501