

DATASENSING SH4-BASE FINGER PROTECTION SAFETY LIGHT CURTAIN

SH4-14-1500-B-5

SH4 Base Type 4 14mm Resolution 1500mm 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

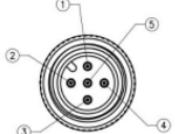
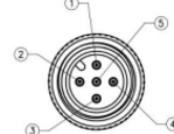
Function	Automatic restart
Material of body	Aluminium
MTTFd	43 year(s)
Number of beams	150
PL	e
Protection height	1500 mm
Reaction time	21 ms
Resolution	14 mm
Sensing distance	0,2-10 m
SIL	3
Supply voltage	24 V DC
Temperature operational max	55 °C

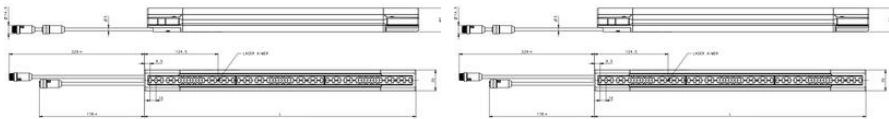
Temperature operational min

-30 °C

Voltage tolerance

± 20%

RECEIVER 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)
Sms-1a-5000-A-0	209
Sms-1a-5000-A-1	210
Sms-1a-5000-A-2	211
Sms-1a-5000-A-3	212
Sms-1a-5000-A-4	213
Sms-1a-1000-A-0	1009
Sms-1a-1000-A-1	1010
Sms-1a-1000-A-2	1011
Sms-1a-1000-A-3	1012
Sms-1a-1000-A-4	1013
Sms-1a-1500-A-0	1509
Sms-1a-1500-A-1	1510
Sms-1a-1500-A-2	1511
Sms-1a-1500-A-3	1512
Sms-1a-1500-A-4	1513
Sms-1a-2000-A-0	2009
Sms-1a-2000-A-1	2010
Sms-1a-2000-A-2	2011
Sms-1a-2000-A-3	2012
Sms-1a-2000-A-4	2013

MODEL	L (mm)
Sms-1a-2500-A-0	2509
Sms-1a-2500-A-1	2510
Sms-1a-2500-A-2	2511
Sms-1a-2500-A-3	2512
Sms-1a-2500-A-4	2513
Sms-1a-3000-A-0	3009
Sms-1a-3000-A-1	3010
Sms-1a-3000-A-2	3011
Sms-1a-3000-A-3	3012
Sms-1a-3000-A-4	3013
Sms-1a-3500-A-0	3509
Sms-1a-3500-A-1	3510
Sms-1a-3500-A-2	3511
Sms-1a-3500-A-3	3512
Sms-1a-3500-A-4	3513