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DATASENSING SH4-BASE FINGER PROTECTION SAFETY LIGHT CURTAIN

SH4-14-1800-B-5 SH4 Base Type 4 14mm Resolution 1800mm 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	180
PL	е
Protection height	1800 mm
Reaction time	24 ms
Resolution	14 mm
Sensing distance	0,2-10 m
SIL	3
Supply voltage	24 V DC
Temperature operational max	55 °C

Temperatu	re oper	ational	min
I CITIPCI ata	C OPCI	ational	

-30 °C

Voltage tolerance

± 20%

RECEIVER BASE	EMITTER	I	J-000 MB
RX M12 MALE 5 PIN	TX M12 MALE 5 PIN		600 000 000 000 0000
2 0 0		 000000.1 100-10-100000.0 500-10-10000.0 100-10-10000.0 100-10-10000.0 100-10-1000.0 100-1000.	(C comb) 267 468 468 468 468 468 468 468 4
- 24V (brown)	1 - 24V (brown)		
- OSSD1 (white)	2 - TEST (white)		
- OV (blue)	3 - 0V (blue)		
- OSSD2 (black)	4 - NOT CONNECTED (black)		
i - COM (grey)	5 - COM (grey)		