

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 | е |
| Protection height | 300 mm |
| Reaction time | 7 ms |
| Resolution | 30 mm |
| 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 | | Ph 1913 | 1/ | |
| | | 11.7× | 100 C | | |
| - 24V (brown) | 1 - 24V (brown) | | | | |
| - OSSD1 (white) | 2 - TEST (white) | | | | |
| - OV (blue) | 3 - 0V (blue) | | | | |
| - OSSD2 (black) | 4 - NOT CONNECTED (black) | | | | |
| - COM (grey) | 5 - COM (grey) | | | | |
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