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# DATASENSING SH4-BASE HAND PROTECTION SAFETY LIGHT CURTAIN

SH4-30-0450-B-5
SH4 Base Type 4 30mm Resolution 450mm 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.

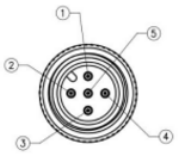
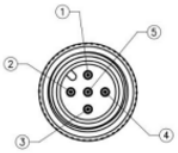
SH4 Safety light curtains do not have a dead zone, they detect throughout the entire length of the light curtain.

# TECHNICAL DATA

| | |
|---|---|
| **Supply voltage** | 24 V DC |
| **Function** | Automatic restart |
| **IP class** | IP65, IP67 |
| **Reaction time** | 8 ms |
| **Material of body** | Aluminium |
| **Temperature operational max** | 55 °C |
| **Temperature operational min** | -30 °C |
| **Sensing distance** | 0,2-20 m |

| | |
|---|---|
| **Protection height** | 450 mm |
| **PL** | e |
| **SIL** | 3 |

| | |
|---|---|
| **Voltage tolerance** | ± 20% |
| **MTTFd** | 43 year(s) |
| **Number of beams** | 18 |

| 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) |
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