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# DATASENSING SH4-BODY BASE SAFETY LIGHT CURTAIN

SH4-4-1200-B-5
SH4 Body Base 4-beam/Auto Reset 1200mm Protection Height



- Body detection, Type 4, PL e
- Operating distance: 70 m
- Temperature range: -30...+55 °C
- Basic functions, 2x OSSD Safety Outputs

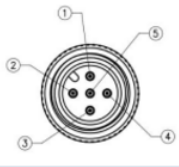
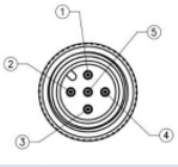
### PRODUCT DESCRIPTION

Datasensing's SH4-BODY safety light curtain is designed for body/pedestrian access.
The maximum distance between the emitter and receiver is 70m.
SH4 Safety light curtains do not have a dead zone at the top or bottom of the emitter/receiver.

## TECHNICAL DATA

| | |
|---|---|
| **Supply voltage** | 24 V DC |
| **Function** | Automatic restart |
| **IP class** | IP65, IP67 |
| **Reaction time** | 15 ms |
| **Material of body** | Aluminium |
| **Sensing distance** | 15 / 70m |

| | |
|---|---|
| **Protection height** | 1200 mm |
| **PL** | e |
| **SIL** | 3 |
| **Voltage tolerance** | ± 20% |
| **Weight** | 1.4 Kg/mt (single bar) |
| **MTTFd** | 43 year(s) |
| **Number of beams** | 4 |

| 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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