

DATASENSING SH4-STANDARD FINGER PROTECTION SAFETY LIGHT CURTAIN

SH4-14-1650-S-8
SH4 Standard Type 4 14mm Resolution 1650mm
Protection Height

- Finger protection (R14), range 0.2-10 m
- Protection height 300-2250mm
- Temperature Range from -30 to +55 °C
- 2 x OSSD safety outputs



PRODUCT DESCRIPTION

With Datasensing's SH4-STANDARD safety light curtain, you can select between manual/automatic reset function and EDM monitoring for external contacts if required.

The functions are selected by the receiver connections.

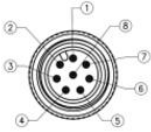

The finger protection resolution is 14mm and the maximum distance between the emitter and receiver is 10m.

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

TECHNICAL DATA

| | |
|-----------------------------|-------------------------------|
| Function | EDM, Manual/automatic restart |
| Material of body | Aluminium |
| MTTFd | 43 year(s) |
| Number of beams | 165 |
| PL | e |
| Protection height | 1650 mm |
| Reaction time | 23 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 STANDARD | EMITTER |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| RX M12 MALE 8 PIN | TX M12 MALE 5 PIN |
|  |  |
| 1- RESET/RESTART (white) | 1 - 24V (brown) |
| 2- 24V (brown) | 2 - TEST (white) |
| 3- EDM SEL (green) | 3 - 0V (blue) |
| 4- EDM (yellow) | 4 - NOT CONNECTED (black) |
| 5- OSSD1 (grey) | 5 - COM (grey) |
| 6- OSSD2 (pink) | |
| 7- 0V (blue) | |
| 8- MAN_AUTO (red) | |

