**OEM Automatic Ltd**
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# DATASENSING SH4-ADVANCED HAND PROTECTION SAFETY LIGHT CURTAIN

SH4-30-1050-A-12
SH4 Advanced Type 4 30mm Resolution 1050mm Protection Height



- Hand protection (R30), range 0.2-20 m
- Protection height 300-2250mm
- Temperature Range from -30 to +55 °C
- Versatile muting functions programmable via wi-fi

### PRODUCT DESCRIPTION

The Datasensing SH4-Advanced safety light curtain is fully programmable via Wi-Fi, with the SH4-designer program. Programmable fuctions include partial muting, dynamic muting, 4-signal muting, and versatile blanking functions.

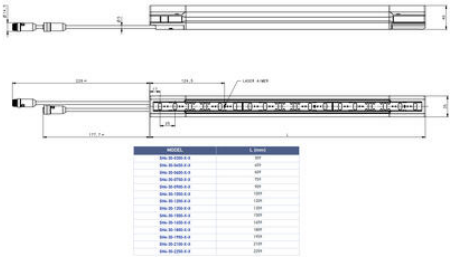
## TECHNICAL DATA

| | |
|---|---|
| **Supply voltage** | 24 V DC |
| **Function** | Muting, Blanking, EDM, Manual/automatic restart |
| **Reaction time** | 11 ms |
| **Material of body** | Aluminium |
| **Temperature operational max** | 55 °C |
| **Temperature operational min** | -30 °C |
| **Sensing distance** | 0,2-20 m |

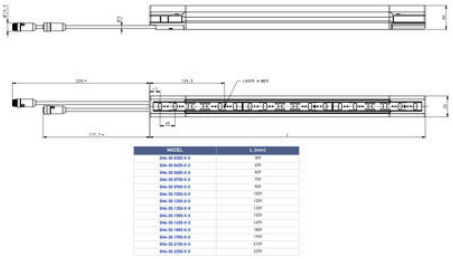
| | |
|---|---|
| **Protection height** | 1050 mm |
| **PL** | e |
| **SIL** | 3 |
| **Voltage tolerance** | ± 20% |
| **MTTFd** | 43 year(s) |
| **Number of beams** | 42 |

| RECEIVER |
| --- |
| RX M12 MALE 12 PIN |
|  |
| 1 - 24V (brown) |
| 2 - 0V (blue) |
| 3 - GP_IN1 (white) |
| 4 - GP_IN2 (green) |
| 5 - OSSD2 (pink) |
| 6 - GP_IN3 (yellow) |
| 7 - GP_IO1 (black) |
| 8 - OSSD1 (grey) |
| 9 - GP_IN4 (red) |
| 10 - GP_IO2 (violet) |
| 11 - OVR2 (grey-pink) |
| 12 - GP_IN5 (red-blue) |

| EMITTER |
| --- |
| TX M12 MALE 5 PIN |
|  |
| 1 - 24V (brown) |
| 2 - TEST/(AIMER) (white) |
| 3 - 0V (blue) |
| 4 - CODE (black) |
| 5 - COM (grey) |
| |
| |
| |
| |
| |
| |
| |
| |



| MODEL | L (mm) |
| --- | --- |
| Dms-30-0300-X-S | 307 |
| Dms-30-0450-X-S | 459 |
| Dms-30-0600-X-S | 609 |
| Dms-30-0750-X-S | 760 |
| Dms-30-0900-X-S | 910 |
| Dms-30-1050-X-S | 1059 |
| Dms-30-1200-X-S | 1209 |
| Dms-30-1350-X-S | 1359 |
| Dms-30-1500-X-S | 1509 |
| Dms-30-1650-X-S | 1659 |
| Dms-30-1800-X-S | 1809 |
| Dms-30-1950-X-S | 1958 |
| Dms-30-2100-X-S | 2109 |
| Dms-30-2250-X-S | 2259 |



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