

DATASENSING SH4-ADVANCED HAND PROTECTION SAFETY LIGHT CURTAIN

SH4-30-2250-A-12-5
SH4 Advanced Type 4 30mm Resolution 2250mm
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 functions include partial muting, dynamic muting, 4-signal muting, and versatile blanking functions.

TECHNICAL DATA

Function	Muting, Blanking, EDM, Manual/automatic restart
Material of body	Aluminium
MTTFd	43 year(s)
Number of beams	90
PL	e
Protection height	2250 mm
Reaction time	17 ms
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
DUAL CONNECTOR**

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_IN4 (black)
- 8 - OSSD1 (grey)
- 9 - OVR2 (red)
- 10 - GP_I01 (violet)
- 11 - GP_I02 (grey-pink)³
- 12 - NOT CONNECTED (red-blue)

RX M12 FEMALE 5 PIN



- 1 - 24V OUT (brown)
- 2 - GP_IN5 (white)
- 3 - 0V OUT (blue)
- 4 - GP_IN6 (black)
- 5 - GP_I02 (grey)⁴

**EMITTER
DUAL CONNECTOR**

TX M12 MALE 5 PIN

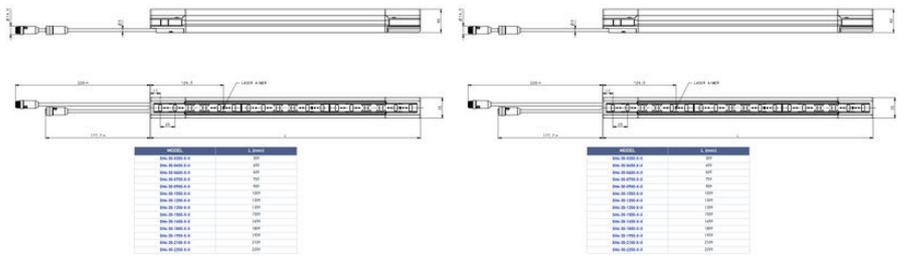


- 1 - 24V (brown)
- 2 - TEST/AIMER (white)¹
- 3 - 0V (blue)
- 4 - CODE (black)²
- 5 - CDM (grey)

TX M12 FEMALE 5 PIN



- 1 - 24V OUT (brown)
- 2 - TEST/AIMER (white)
- 3 - 0V OUT (blue)
- 4 - CODE (black)
- 5 - CASCOM (grey)



MODEL	Color
RM-24V-0.1	BR
RM-0V-0.1	BL
RM-TEST/AIMER-0.1	WH
RM-0V-0.2	BL
RM-TEST/AIMER-0.2	WH
RM-0V-0.3	BL
RM-TEST/AIMER-0.3	WH
RM-0V-0.4	BL
RM-TEST/AIMER-0.4	WH
RM-0V-0.5	BL
RM-TEST/AIMER-0.5	WH
RM-0V-0.6	BL
RM-TEST/AIMER-0.6	WH
RM-0V-0.7	BL
RM-TEST/AIMER-0.7	WH
RM-0V-0.8	BL
RM-TEST/AIMER-0.8	WH
RM-0V-0.9	BL
RM-TEST/AIMER-0.9	WH
RM-0V-1.0	BL
RM-TEST/AIMER-1.0	WH

MODEL	Color
RM-24V-0.1	BR
RM-0V-0.1	BL
RM-TEST/AIMER-0.1	WH
RM-0V-0.2	BL
RM-TEST/AIMER-0.2	WH
RM-0V-0.3	BL
RM-TEST/AIMER-0.3	WH
RM-0V-0.4	BL
RM-TEST/AIMER-0.4	WH
RM-0V-0.5	BL
RM-TEST/AIMER-0.5	WH
RM-0V-0.6	BL
RM-TEST/AIMER-0.6	WH
RM-0V-0.7	BL
RM-TEST/AIMER-0.7	WH
RM-0V-0.8	BL
RM-TEST/AIMER-0.8	WH
RM-0V-0.9	BL
RM-TEST/AIMER-0.9	WH
RM-0V-1.0	BL
RM-TEST/AIMER-1.0	WH