

DATASENSING SH4-ADVANCED HAND PROTECTION SAFETY LIGHT CURTAIN

SH4-30-1950-A-12-5
 SH4 Advanced Type 4 30mm Resolution 1950mm
 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	78
PL	e
Protection height	1950 mm
Reaction time	15 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_ID1 (violet)
- 11 - GP_ID2 (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_IN5 (black)
- 5 - GP_ID2 (grey)⁴

EMITTER DUAL CONNECTOR

TX M12 MALE 5 PIN

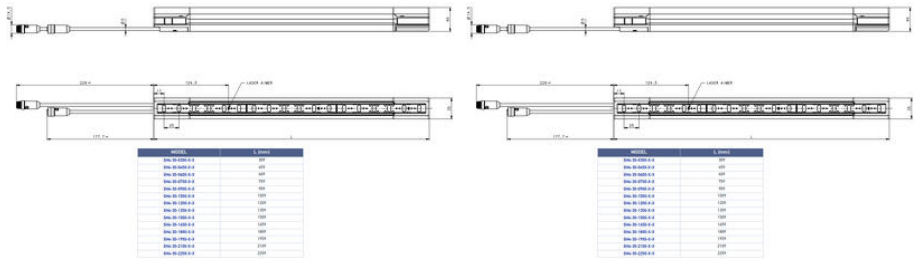


- 1 - 24V (brown)
- 2 - TEST/AIMERO (white)¹
- 3 - 0V (blue)
- 4 - CODE (black)²
- 5 - CDM (grey)

TX M12 FEMALE 5 PIN



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



Pin	Color
1	Brown
2	Blue
3	White
4	Green
5	Pink
6	Yellow
7	Black
8	Grey
9	Red
10	Violet
11	Grey-pink
12	Red-blue

Pin	Color
1	Brown
2	White
3	Blue
4	Black
5	Grey