

DATASENSING SH4-ADVANCED HAND PROTECTION SAFETY LIGHT CURTAIN

SH4-30-2250-A-12
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
Resolution	30 mm
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

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_IN1 (black)

8 - OSSD1 (grey)

9 - GP_IN4 (red)

10 - GP_IO2 (violet)

11 - OVR2 (grey-pink)

12 - GP_INS (red-blue)

EMITTER

TX M12 MALE 5 PIN



1 - 24V (brown)

2 - TEST/ALMER (white)

3 - 0V (blue)

4 - CODE (black)

5 - COM (grey)

