

DATASENSING SH4-ADVANCED FINGER PROTECTION SAFETY LIGHT CURTAIN

SH4-14-0450-A-12-5
SH4 Advanced Type 4 14mm Resolution 450mm
Protection Height

- Finger protection (R14), range 0.2-10 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	45
PL	e
Protection height	450 mm
Reaction time	10 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
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 - 0V/R2 (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)

