

DATASENSING SH4-ADVANCED FINGER PROTECTION SAFETY LIGHT CURTAIN

SH4-14-2100-A-12-5
SH4 Advanced Type 4 14mm Resolution 2100mm
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

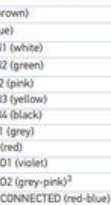
The Datasensing SH4-Advanced safety light curtain is fully programmable via Wi-Fi, with the SH4-designer program. Programmable functions include partial muting, dynamic muting, 4-signal muting, and versatile blanking functions.

TECHNICAL DATA

Function	Muting, Blanking, EDM, Manual/automatic restart
Material of body	Aluminium
MTTFd	43 year(s)
Number of beams	210
PL	e
Protection height	2100 mm
Reaction time	27 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%

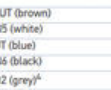
RX M12 MALE 12 PIN

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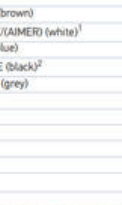
- 1 - 24V (brown)
- 2 - 0V (blue)
- 3 - GP_IN1 (white)
- 4 - GP_IN2 (green)
- 5 - OSSD2 (pink)
- 6 - GP_IN3 (yellow)
- 7 - GP_IN4 (black)
- 8 - OSSD1 (grey)
- 9 - 0V/R2 (red)
- 10 - GP_IO1 (violet)
- 11 - GP_IO2 (grey-pink)²
- 12 - NOT CONNECTED (red-blue)

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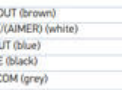


- 1 - 24V OUT (brown)
2 - GP_IN5 (white)
3 - 0V OUT (blue)
4 - GP_IN6 (black)
5 - GP_IO2 (grey)⁴

TX M12 MALE 5 PIN



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|---------------------------------------|
| 1 - 24V (brown) |
| 2 - TEST/(AJMER) (white) ¹ |
| 3 - 0V (blue) |
| 4 - CODE (black) ² |
| 5 - COM (grey) |



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

