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DATASENSING SH4-ADVANCED HAND PROTECTION SAFETY LIGHT CURTAIN

SH4-30-0300-A-12
SH4 Advanced Type 4 30mm Resolution 300mm 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 fuctions 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	12
PL	e
Protection height	300 mm
Reaction time	7 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
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_IO1 (black)
8 - OSSD1 (grey)
9 - GP_IN4 (red)
10 - GP_IO2 (violet)
11 - OVR2 (grey-pink)
12 - GP_IN5 (red-blue)

EMITTER
TX M12 MALE 5 PIN

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



