

## DATASENSING SH4-BODY BASE SAFETY LIGHT CURTAIN

SH4-4-1200-S-8  
SH4 Body Standard 4-beam 1200mm Protection Height

- Body detection, Type 4, PL e
- Operating distance: 70 m
- Temperature range: -30...+55 °C
- Basic functions, 2x OSSD Safety Outputs

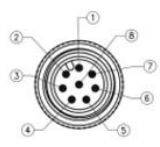
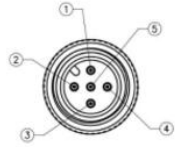


### PRODUCT DESCRIPTION

Datasensing's SH4-BODY safety light curtain is designed for body/pedestrian access.  
The maximum distance between the emitter and receiver is 70m.  
SH4 Safety light curtains do not have a dead zone at the top or bottom of the emitter/receiver.

### TECHNICAL DATA

Function	Manual/automatic restart, EDM
IP class	IP65, IP67
Material of body	Aluminium
MTTFd	43 year(s)
Number of beams	4
PL	e
Protection height	1200 mm
Reaction time	15 ms
Sensing distance	15 / 70m
SIL	3
Supply voltage	24 V DC
Weight	1.4 Kg/mt (single bar)
Voltage tolerance	± 20%

RECEIVER STANDARD	EMITTER
RX M12 MALE 8 PIN	TX M12 MALE 5 PIN
	
1 - RESET/RESTART (white)	1 - 24V (brown)
2- 24V (brown)	2 - TEST (white)
3- EDM SEL (green)	3 - 0V (blue)
4- EDM (yellow)	4 - NOT CONNECTED (black)
5- OSSD1 (grey)	5 - COM (grey)
6- OSSD2 (pink)	
7- 0V (blue)	
8- MAN_AUTO (red)	

