

# Safety Light Curtain

## Finger Protection

# SG4-14IS090C1

Part Number



- Completely integrated electronics
- Quick alignment through visible red light

## Technical Data

### Optical Data

Range	0,25...7 m
Safety Field Height (SFH)	914 mm
Resolution	14 mm
Light Source	Red Light
Wavelength	650 nm
Opening Angle	± 2,5 °

### Electrical Data

Sensor Type	Emitter
Supply Voltage	24 V DC
Current Consumption (U <sub>b</sub> = 24 V)	100 mA
Temperature Range	-20...50 °C
Storage temperature	-25...70 °C
Protection Class	III

### Mechanical Data

Housing Material	Aluminum
Disc Material	Polycarbonate
Degree of Protection	IP67
Connection	M12 × 1; 4-pin

### Safety-relevant Data

ESPE Type (EN 61496)	4
Safety Category (EN ISO 13849-1)	4
Performance Level (EN ISO 13849-1)	PL e
PFHD	4,22 × E-8 1/h
Mission Time TM (EN ISO 13849-1)	20 a

### Function

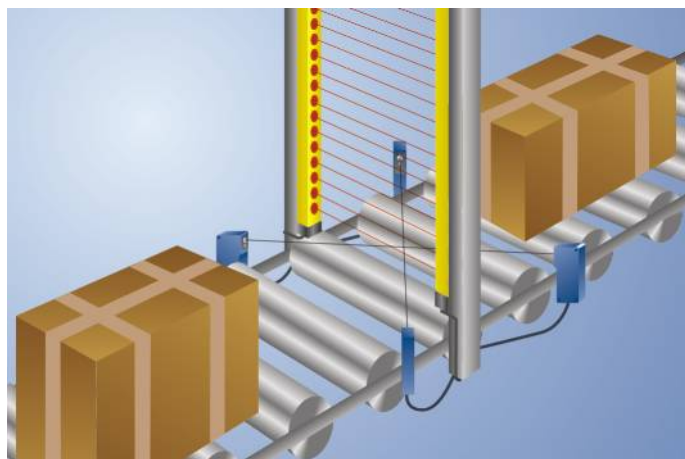
Finger Protection	yes
-------------------	-----

Connection Table No.	27
Control Panel No.	S5
Suitable Connection Equipment No.	2   2s
Suitable Mounting Technology No.	700

## Suitable Receiver

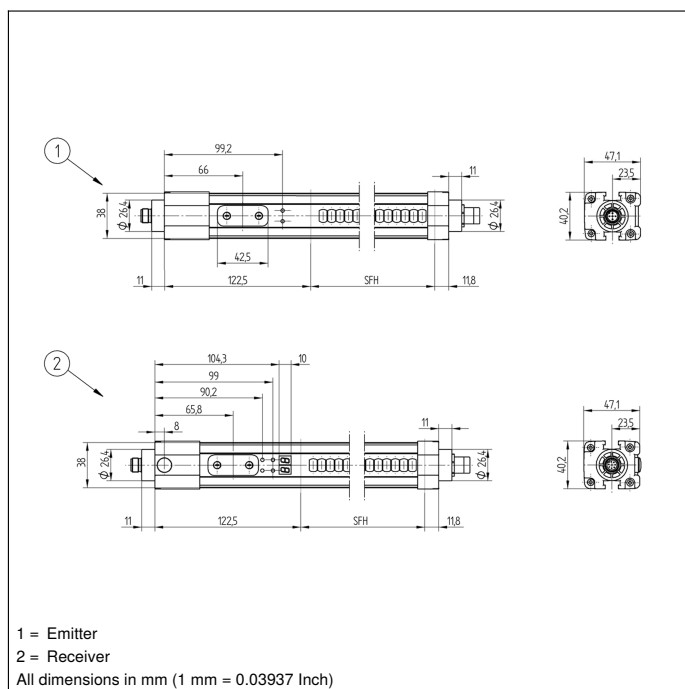
SG4-14IE090C1

These safety light curtains are distinguished by their compact design. They are also equipped with numerous auxiliary functions, allowing for adaptation to the respective application in a highly individualized fashion. The adequate mounting angle BEF-SET-33 is included in the delivery.

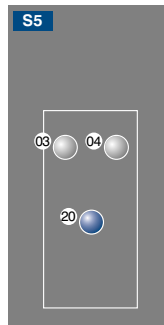


## Complementary Products

Laser Alignment Tool SZ0-LAH1
Path-Folding Mirror Z2UG003
Protection Column with Path-Folding Mirror SZ000EU125NN01
Protection Column with Protective Screen SZ000EG125NN01
Software



## Ctrl. Panel



03 = Error Indicator  
04 = Function Indicator  
20 = Enter Button

