Safety Light Curtain
Finger Protection

SG4-14IS045C1

Part Number

- **Completely integrated electronics**
- **Quick alignment through visible red light**

Technical Data

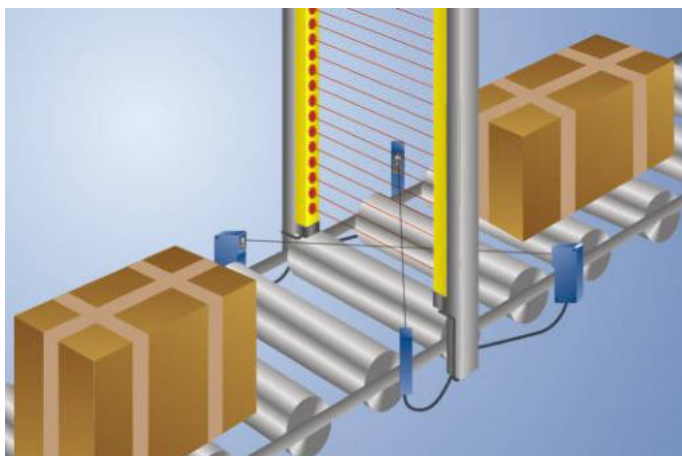| Optical Data	
Range	0,25...7 m
Safety Field Height (SFH)	464 mm
Resolution	14 mm
Light Source	Red Light
Wavelength	650 nm
Opening Angle	± 2,5 °
Electrical Data	
Sensor Type	Emitter
Supply Voltage	24 V DC
Current Consumption (Ub = 24 V)	100 mA
Temperature Range	-20...50 °C
Storage temperature	-25...70 °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

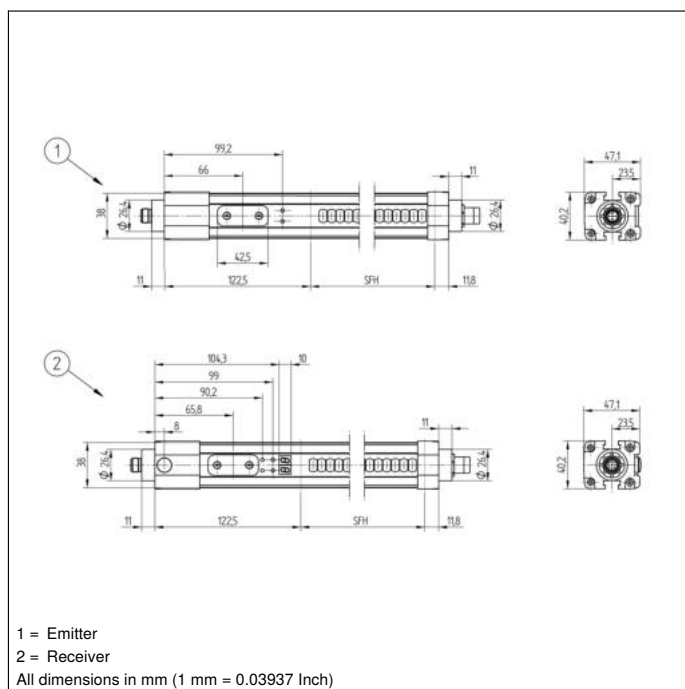|		
Connection Table No.		27
Control Panel No.		S5
Suitable Connection Equipment No.	2	2s
Suitable Mounting Technology No.		700

Suitable Receiver

SG4-14IE045C1

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.
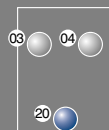
Complementary Products

Laser Alignment Tool SZ0-LAH1
Path-Folding Mirror Z2UG002
Protection Column with Path-Folding Mirror SZ000EU125NN01
Protection Column with Protective Screen SZ000EG125NN01
Software

Safety Technology

1 = Emitter
2 = Receiver
All dimensions in mm (1 mm = 0.03937 Inch)

Ctrl. Panel

S5

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