

# Safety Light Curtain

## Finger Protection

# SG4-14IS030C1

Part Number



- Completely integrated electronics
- Quick alignment through visible red light

## Technical Data

### Optical Data

|                           |            |
|---------------------------|------------|
| Range                     | 0,25...7 m |
| Safety Field Height (SFH) | 314 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

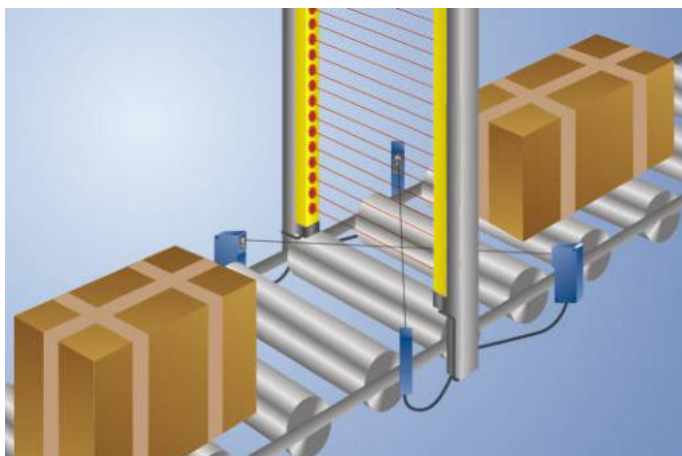
|                   |     |
|-------------------|-----|
| Finger Protection | yes |
|-------------------|-----|

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

## Suitable Receiver

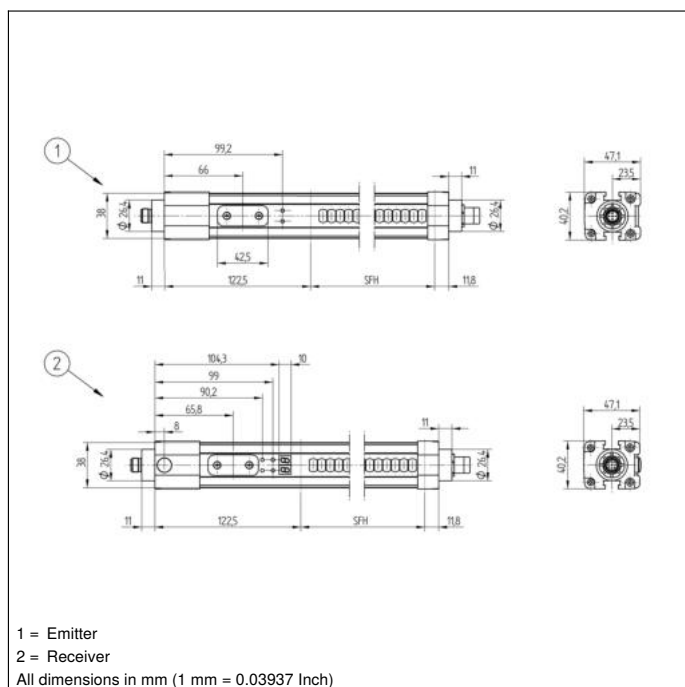
SG4-14IE030C1

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.



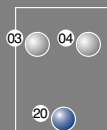
## Complementary Products

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



## Ctrl. Panel

S5



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

