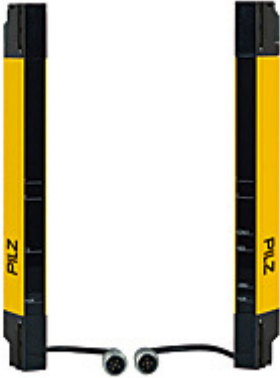


## PSEN op4H-SL-24-045/1

631122



Safety light guard, Type 4, PL e, hand protection (resolution 24 mm), protected field height 450 mm. Features: Cascading without dead zone, slimline design. Supply voltage 24 V, connector M12, transmitter: 5-pin, receiver 5-pin. Connection cable is not supplied with the device.

## Technical details

### General data

|                             |                       |
|-----------------------------|-----------------------|
| Approval:                   | CE, cULus Listed, TÜV |
| ESPE type:                  | 4                     |
| Sensor principle:           | optical               |
| Height of protected field:  | 450 mm                |
| Resolution protection type: | Hand                  |
| Operating range (m):        | 0.2 - 6 m             |

### Technical data

#### Electrical data

|                            |           |
|----------------------------|-----------|
| Supply voltage (V):        | 24 - 24 V |
| Type of supply voltage U1: | DC        |

#### Optical data

|                        |        |
|------------------------|--------|
| Used wavelength range: | 850 nm |
|------------------------|--------|

#### Semiconductor outputs

|                         |   |
|-------------------------|---|
| Number of OSSD outputs: | 2 |
|-------------------------|---|

#### Environmental data

|                            |               |
|----------------------------|---------------|
| Ambient temperature:       | 0 - 55 °C     |
| Humidity rating:           | 15 ... 95%    |
| Condensation permitted?:   | Not permitted |
| Vibration to standard ...: | EN 60068-2-6  |

|                                   |                              |
|-----------------------------------|------------------------------|
| Acc. shock to standard1:          | 10g                          |
| Protection type standard:         | EN 60529                     |
| Times                             |                              |
| Reaction time:                    | 9 - 9 ms                     |
| Mechanical data                   |                              |
| Length cable:                     | 0.2 m                        |
| Material of cable insulation 1:   | PVC                          |
| Bend radius (when laying) K1:     | 1 x Ø                        |
| Bend radius, laid cascaded cable: | 1 x Ø                        |
| Max. cable length:                | 20 m                         |
| Housing material upper part:      | Aluminium                    |
| Material end caps:                | Zamak                        |
| Material front screen:            | PMMA                         |
| Height dimension:                 | 450 mm                       |
| Width dimension:                  | 15.4 mm                      |
| Depth dimension:                  | 32.6 mm                      |
| Net weight:                       | 650 g                        |
| Gross weight:                     | 1350 g                       |
| Environment                       |                              |
| RoHS directive:                   | 2011/65/EU, 2015/863/EU      |
| RoHS conformity:                  | yes                          |
| RoHS exceptions:                  | no                           |
| REACH compliance:                 | Contains no SVHC substances  |
| WEEE classification (08/2018):    | 5 devices (feed size < 50cm) |
| Commercial data                   |                              |
| Harmonized System Code:           | 90314990                     |
| UNSPSC 25:                        | 39121528                     |
| EAN-Code:                         | 4046548086829                |
| ECLASS version:                   | ECLASS-13                    |

|                           |          |
|---------------------------|----------|
| ECLASS Reference Feature: | 27272704 |
| ETIM Version:             | ETIM-9.0 |
| ETIM Reference Group:     | EG000026 |
| ETIM Reference Feature:   | EC002549 |
| Volume:                   | 0        |

## Optional accessories



630904

PSEN op Mirror-165/1



630903

PSEN op Mirror-120/1



630902

PSEN op Mirror-090/1



630311

PSEN op cable axial M12 5-pole 5m



630312

PSEN op cable axial M12 5-pole 10m



630901

PSEN op Mirror-060/1



631186

PSEN op SL Testpiece F 24 mm



631185

PSEN op SL cascading 1m



631184

PSEN op SL cascading 0,5m



631183

PSEN op SL cascading 0,1m



630298

PSEN cable M12-5sf 20m



630310

PSEN op cable axial M12 5-pole 3m



631182

PSEN op SL Bracket O



631181

PSEN op SL Bracket L



631180

PSEN op SL Bracket C