

1: pushbutton



Product characteristics

Through-beam sensor

Rectangular, plastics

Quick disconnect

Electronic lock

External teach function

Side sensing

Receiver

Sensing range 10m

adjustable

Electrical data

Electrical design

DC NPN

Operating voltage [V]

10...30 DC

Current consumption [mA]

< 12

Type of light

red light 660 nm

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop [V]

< 2.5

Current rating [mA]

200

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

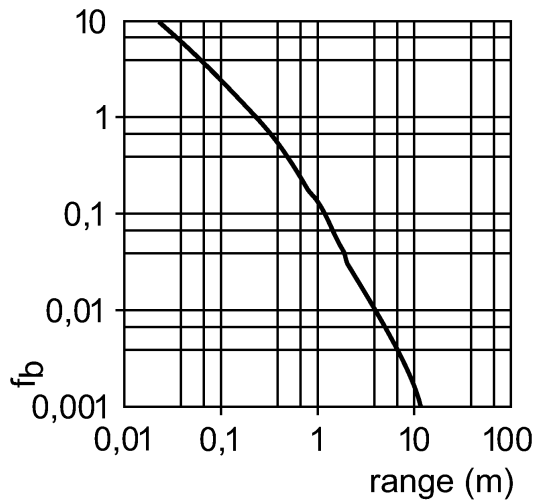
1200

Monitoring range

Sensing range [m]

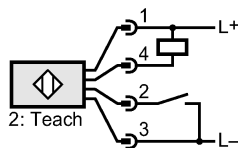
10

Excess gain graphs



|                               |   |
|-------------------------------|---|
| Environment                   |   |
| Ambient temperature [°C]      | -25...60  |
| Protection                    | IP 67   |
| Tests / approvals             |   |
| EMC                           | EN 60947-5-2  |
| MTTF [Years]                  | 1058  |
| Mechanical data               |   |
| Housing materials             | housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS |
| Lens material                 | glass   |
| Weight [kg]                   | 0.044   |
| Displays / operating elements |   |
| Output status indication LED  | yellow  |
| Power LED                     | green   |
| Function display LED          | red   |
| Electrical connection         |   |
| Connection                    | M8 connector  |

**Wiring**



|                        |  |
|------------------------|--|
| Accessories            |  |
| Accessories (included) | Basic clip; E20964; 2 mounting screws; M3 x 16; 2 spring washers; 2 nuts |
| Remarks                |  |
| Remarks                | cULus - Class 2 source required  |
| Pack quantity [piece]  | 1  |