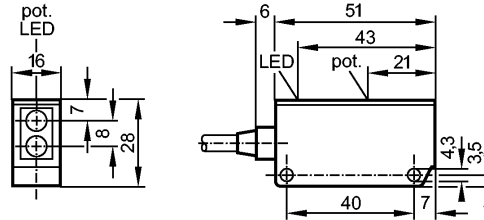




OUT-DPKG

Photoelectric sensors



Receiver in upper lens, transmitter in lower lens



Product characteristics

Diffuse reflection sensor

Rectangular, plastics

Cable

Range 1...200mm (referred to white paper 200 x 200 mm)

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...55 DC

Current consumption [mA]

35 (24 V)

Type of light

Infrared light 880 nm

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

dark-on mode

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

160

Monitoring range

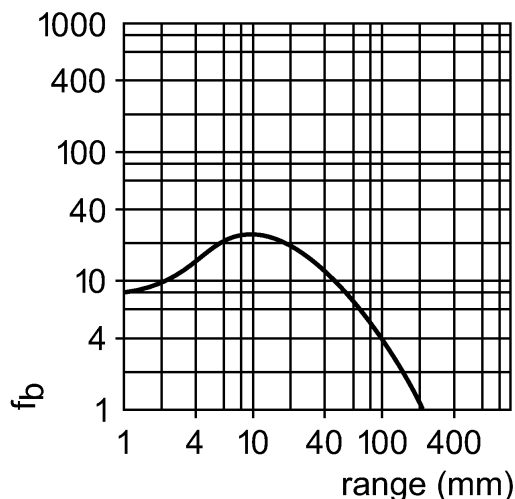
Range [mm]

1...200 (referred to white paper 200 x 200 mm)

Light spot diameter [mm]

180 (at maximum range)

Excess gain graphs



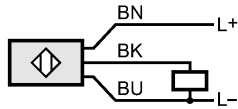
Environment

OU5011 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03

| | |
|-------------------------------|---|
| Ambient temperature [°C] | -25...80 |
| Protection | IP 67 |
| Tests / approvals | |
| EMC | EN 60947-5-2 EN 55011: class B |
| MTTF [Years] | 685 |
| Mechanical data | |
| Housing materials | modified PPO |
| Lens material | glass |
| Weight [kg] | 0.152 |
| Displays / operating elements | |
| Output status indication LED | yellow |
| Electrical connection | |
| Connection | PVC cable / 2 m; 3 x 0.34 mm ² |

Wiring

Core colors
 BN brown
 BU blue
 BK black



| | |
|------------------------|-----------------------|
| Accessories | |
| Accessories (included) | Angle bracket; E20211 |
| Remarks | |
| Pack quantity [piece] | 1 |