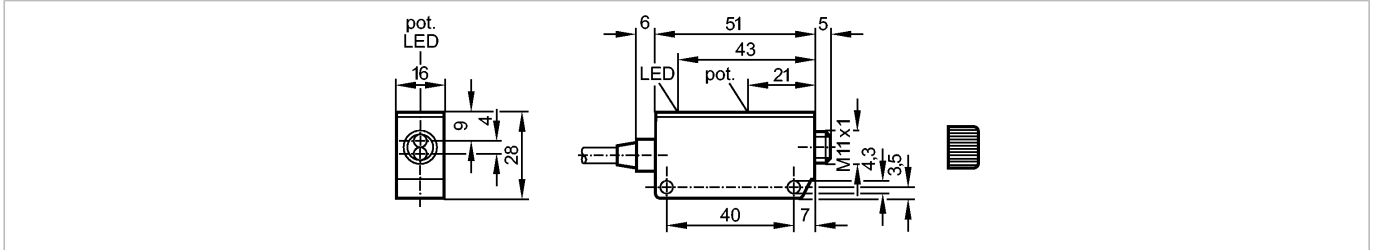




OUF-DPKG

Photoelectric sensors



Product characteristics

Fiber-optic amplifier

Rectangular, plastics

Cable

Sensing range 120mm (Through-beam sensor)

Range 40mm (Diffuse reflection sensor)

adjustable

Electrical data

Electrical design

Operating voltage [V]

DC PNP

10...36 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]

100

Monitoring range

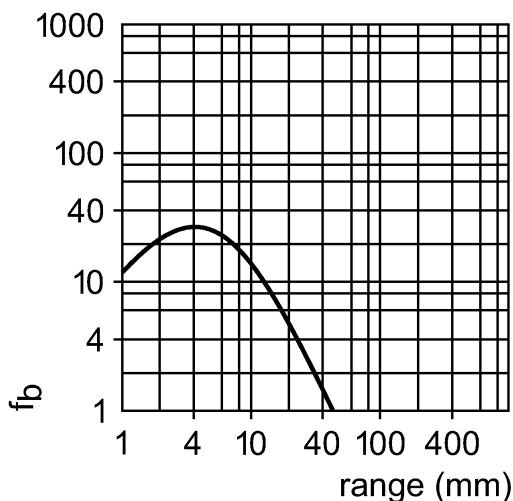
Sensing range [m]

0.12 (Through-beam sensor)

Range [mm]

40 (Diffuse reflection sensor)

Excess gain graphs



Environment

Ambient temperature [°C]

-25...80

Protection

IP 65

**OU5002 - Fiber-optic amplifier - eclass: 27270905 / 27-27-09-05**

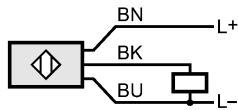
Tests / approvals

EMC		EN 60947-5-2
MTTF	[Years]	583
Mechanical data		
Housing materials		modified PPO
Weight	[kg]	0.151
Displays / operating elements		
Output status indication	LED	yellow
Electrical connection		
Connection		PVC cable / 2 m; 3 x 0.34 mm <sup>2</sup>

**Wiring**

Core colors

- BN brown
- BU blue
- BK black



Accessories

Accessories (included)	Angle bracket; E20211; screwdriver
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Remarks

Remarks	When through-beam fibre optics are connected dark-on mode means the output function "NO" and when diffuse reflection fibre optics are connected the output function "NC"
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Pack quantity	[piece]	1
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