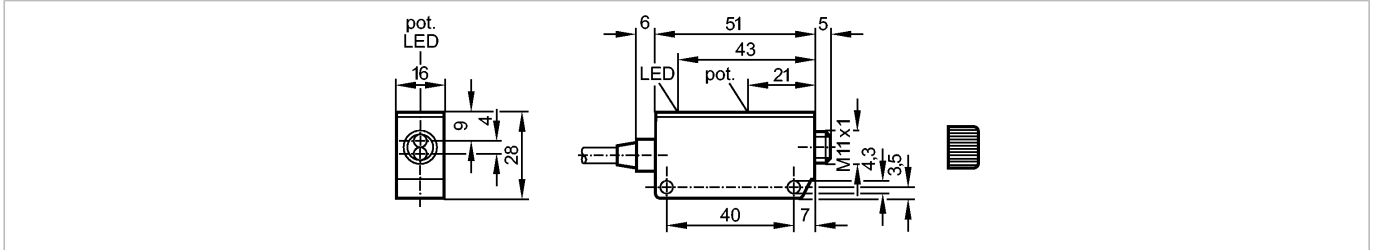




OUF-HPKG

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]

Current consumption [mA]

Type of light

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Monitoring range

Sensing range [m]

Range [mm]

DC PNP

10...36 DC

35 (24 V)

Infrared light 880 nm

II

yes

light-on mode

< 2.5

250

yes (non-latching)

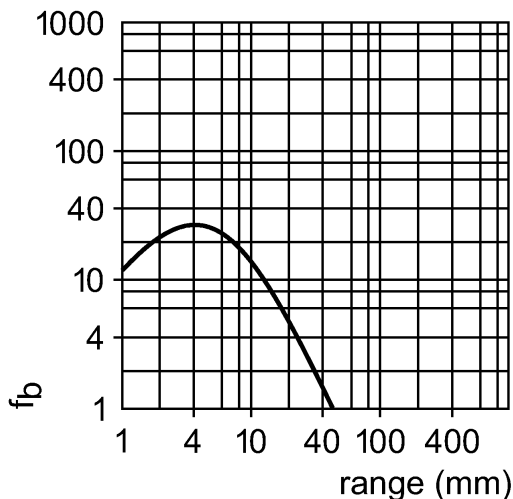
yes

100

0.12 (Through-beam sensor)

40 (Diffuse reflection sensor)

Excess gain graphs



Environment

Ambient temperature [°C]

Protection

-25...80

IP 65

OU5001 - Fiber-optic amplifier - eclass: 27270905 / 27-27-09-05

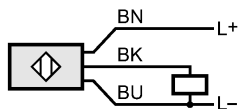
Tests / approvals

EMC		EN 60947-5-2
MTTF	[Years]	653
Mechanical data		
Housing materials		modified PPO
Weight	[kg]	0.15
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; screwdriver
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Remarks

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