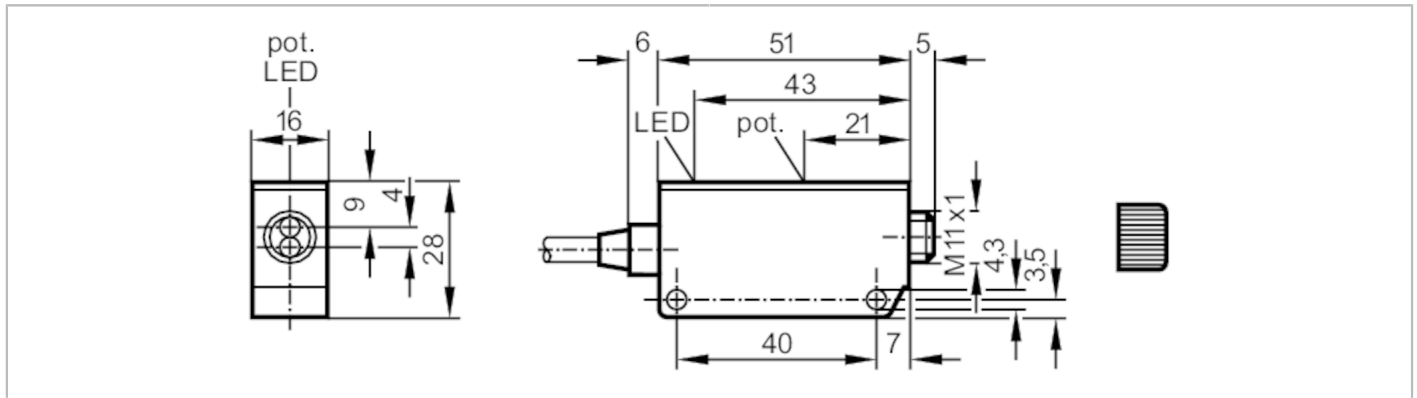


OU5002



Fiber-optic amplifier

OUF-DPKG



Product characteristics

Type of light	Infrared light
Housing	rectangular
Dimensions [mm]	28 x 16 x 56

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	35; ((24 V))
Protection class	II
Reverse polarity protection	yes
Type of light	Infrared light
Wave length [nm]	880

Outputs

Electrical design	PNP
Output function	dark-on mode
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	100
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Range [m]	< 0.12; (Through-beam sensor)
Range [mm]	< 40; (Diffuse reflection sensor)
Range adjustable	yes

Operating conditions

Ambient temperature [°C]	-25...80
Protection	IP 65

OU5002



Fiber-optic amplifier

OUF-DPKG

Tests / approvals

EMC	EN 60947-5-2	
MTTF [years]		583

Mechanical data

Weight [g]	151.5
Housing	rectangular
Dimensions [mm]	28 x 16 x 56
Material	PPO modified
Lens alignment	Side sensing

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Accessories

Items supplied	Angle bracket: 1, E20211 screwdrivers
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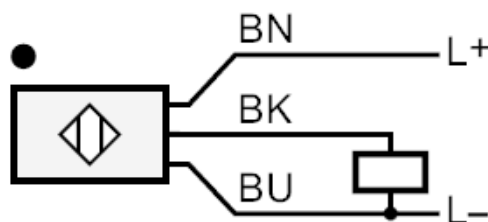
Remarks

Remarks	dark-on mode corresponds to the NO output function for through-beam fibers corresponds to the NC output function for diffuse-reflection fiber optics
Pack quantity	1 pcs.

Electrical connection

Cable: 2 m, PVC; 3 x 0.34 mm²

Connection



Core colors :

- BN = brown
- BU = blue
- BK = black



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Diagrams and graphs

excess gain graph

