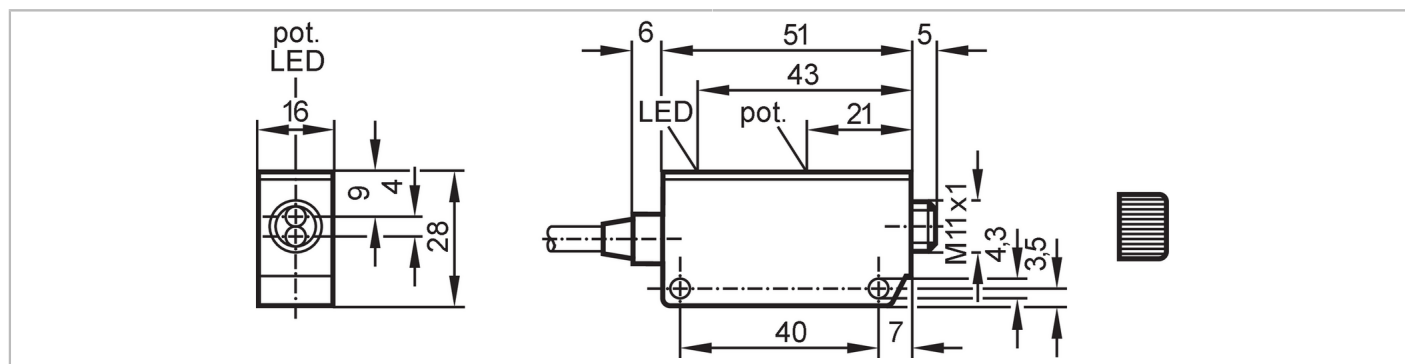




Fiber-optic amplifier

OUF-DPKG



Product characteristics		
Type of light		Infrared light
Housing		rectangular
Application		
Application		Industrial applications
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
Tests / approvals		
EMC	EN 60947-5-2	



Fiber-optic amplifier

OUF-DPKG

MTTF	[years]	583
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Mechanical data

Weight	[g]	151.5
Housing		rectangular
Dimensions	[mm]	28 x 16 x 56
Number of channels		1
Material		PPO modified

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Accessories

Items supplied	Angle bracket: 1, E20211
	screwdrivers

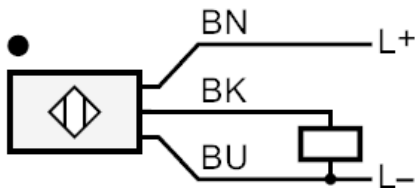
Remarks

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



BN = Core colors : brown
BU = blue
BK = black



Fiber-optic amplifier

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Diagrams and graphs

excess gain graph

