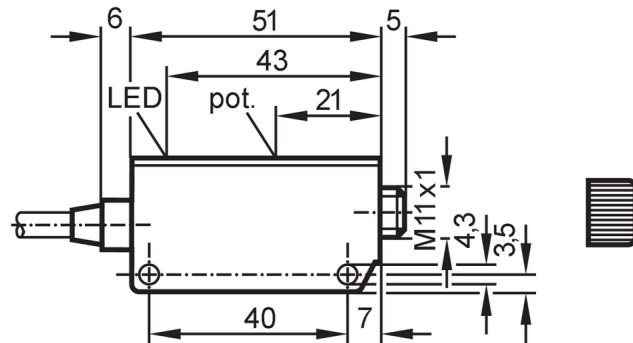
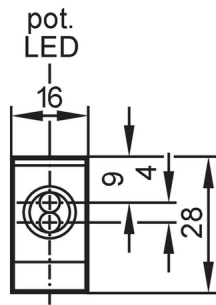




Fiber-optic amplifier

OUF-HPKG



Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Application	Industrial applications
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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		light-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
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OU5001



Fiber-optic amplifier

OUF-HPKG

MTTF	[years]	653
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Mechanical data

Weight	[g]	152
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

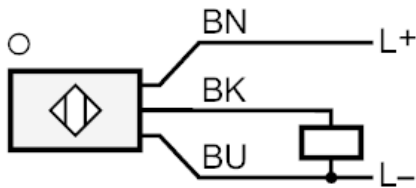
Remarks

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

Electrical connection

Cable: 2 m, PVC; 3 x 0.34 mm²

Connection



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



Fiber-optic amplifier

OUF-HPKG

Diagrams and graphs

excess gain graph

