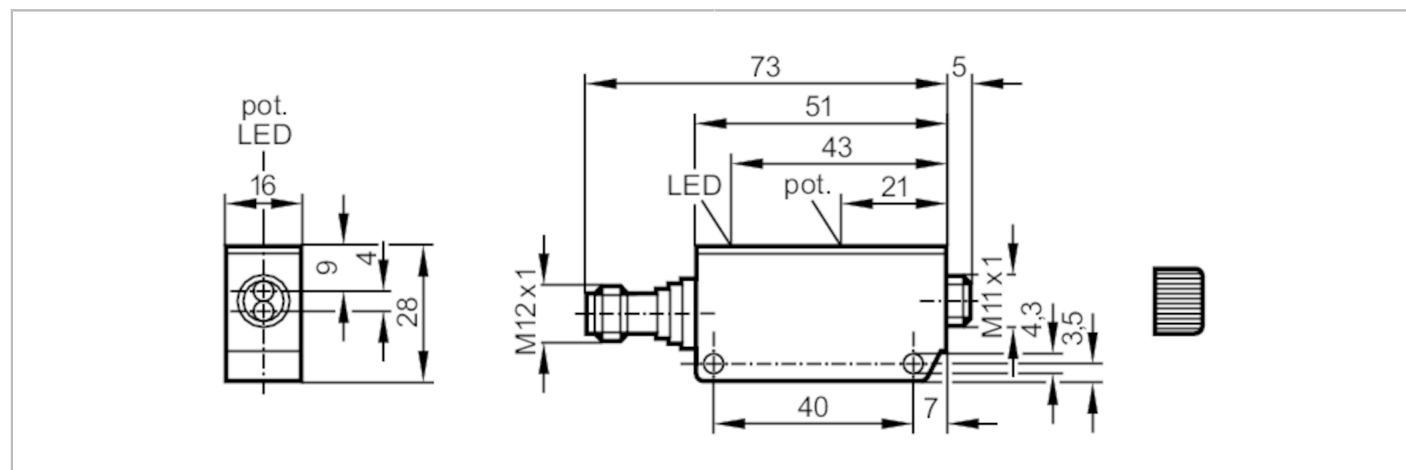


Fiber-optic amplifier

OUF-DPKG/US-100-DPO



Product characteristics

Type of light	Infrared light
Housing	rectangular

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	35; ((24 V))
Protection class		III
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...0.12; (Through-beam sensor)
Range	[mm]	0...40; (Diffuse reflection sensor)
Range adjustable		yes

Operating conditions

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



Fiber-optic amplifier

OUF-DPKG/US-100-DPO

Tests / approvals

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

Mechanical data

Weight	[g]	75
Housing		rectangular
Dimensions	[mm]	28 x 16 x 56
Material		PPO modified
Lens material		glass
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

Remarks

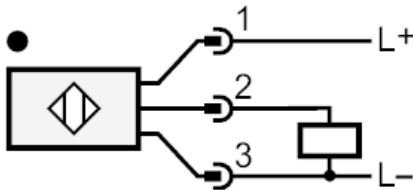
Remarks	dark-on mode corresponds to the NO output function for through-beam fibers
	corresponds to the NC output function for diffuse-reflection fiber optics
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



Connection



**Fiber-optic amplifier**

OUF-DPKG/US-100-DPO

Diagrams and graphs

excess gain graph

