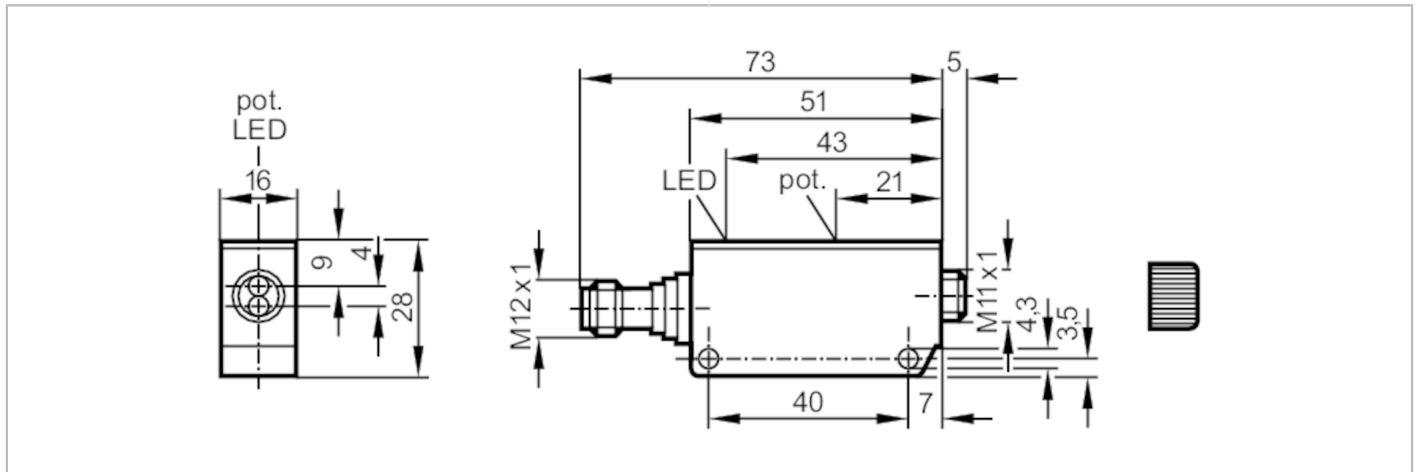


OU5044



Fibre-optic amplifier

OUF-DPKG/US-100-DPO



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		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		pulsed
Overload protection		yes
Detection zone		
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

OU5044



Fibre-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
Materials	PPO modified
Lens material	glass
Lens alignment	side lens

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Accessories (supplied)	Angle bracket: 1 x, E20211 screwdrivers
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Remarks

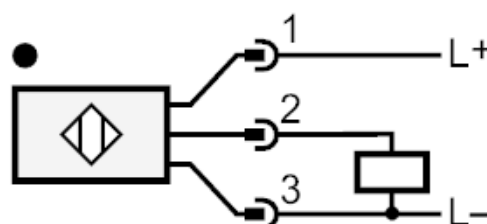
Remarks	dark-on mode corresponds to the NO output function for through-beam fibre optics corresponds to the NC output function for diffuse-reflection fibre optics
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12



Connection





Fibre-optic amplifier

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Diagrams and graphs

excess gain graph

