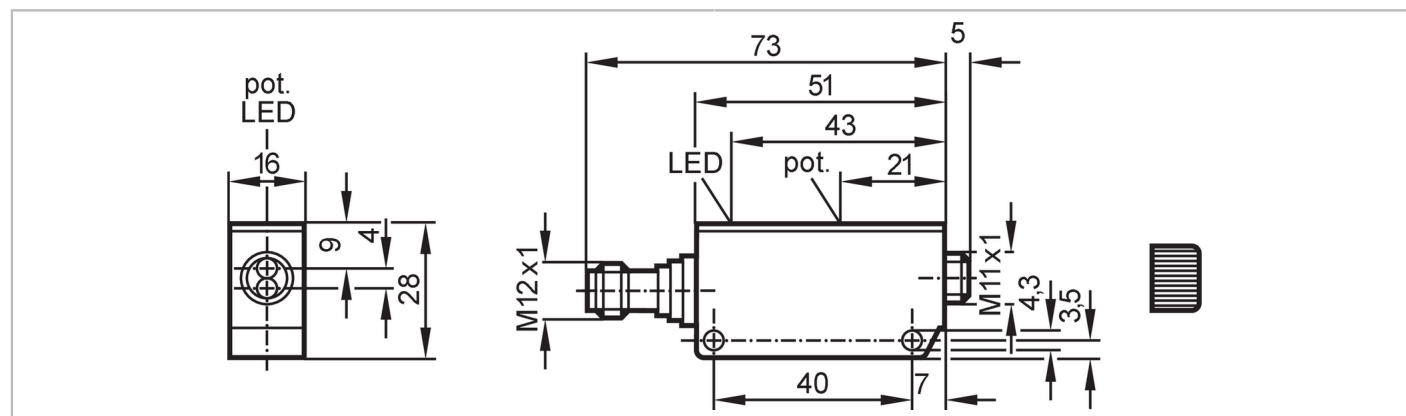




Fiber-optic amplifier

OUF-DPKG/US-100-DPO



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		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

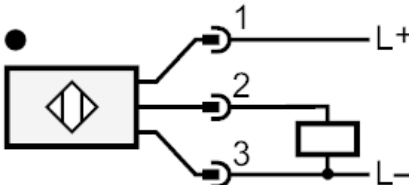
Operating conditions

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
Number of channels	1	
Material	housing: PPO modified	
Lens material	front lens:glass	
Displays / operating elements		
Display	Switching status	1 x LED, yellow
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; Contacts: 4		
		
Connection		
		



Fiber-optic amplifier

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Diagrams and graphs

excess gain graph

