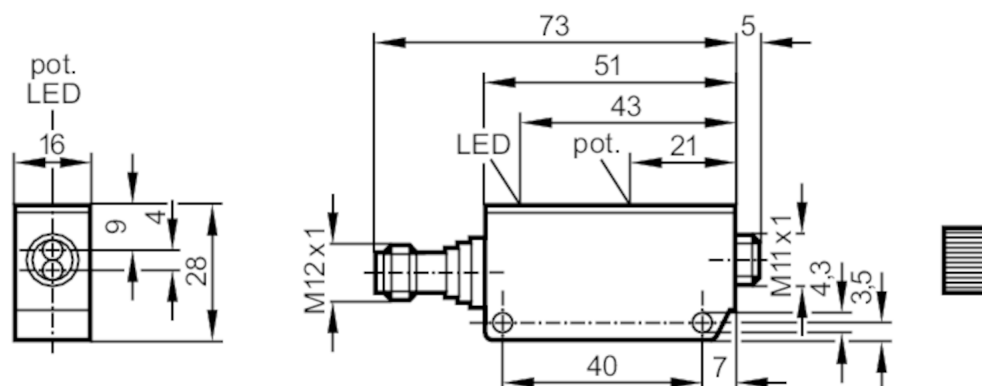


Fibre-optic amplifier

OUF-DNKG/US-100-DNO

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Product characteristics

Type of light	infrared light
Housing	rectangular

Electrical data

Operating voltage	[V]	10...50 DC
Current consumption	[mA]	35; ((24 V))
Reverse polarity protection		yes
Type of light		infrared light
Wave length	[nm]	880

Outputs

Electrical design		NPN
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

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B



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Mechanical data		
Housing		rectangular
Dimensions	[mm]	28 x 16 x 56
Materials		PPO modified
Lens material		glass
Displays / operating elements		
Display	switching status	1 x LED, yellow
Аксессуары		
Items supplied		Angle bracket
		screwdrivers
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; coding: A



Connection

