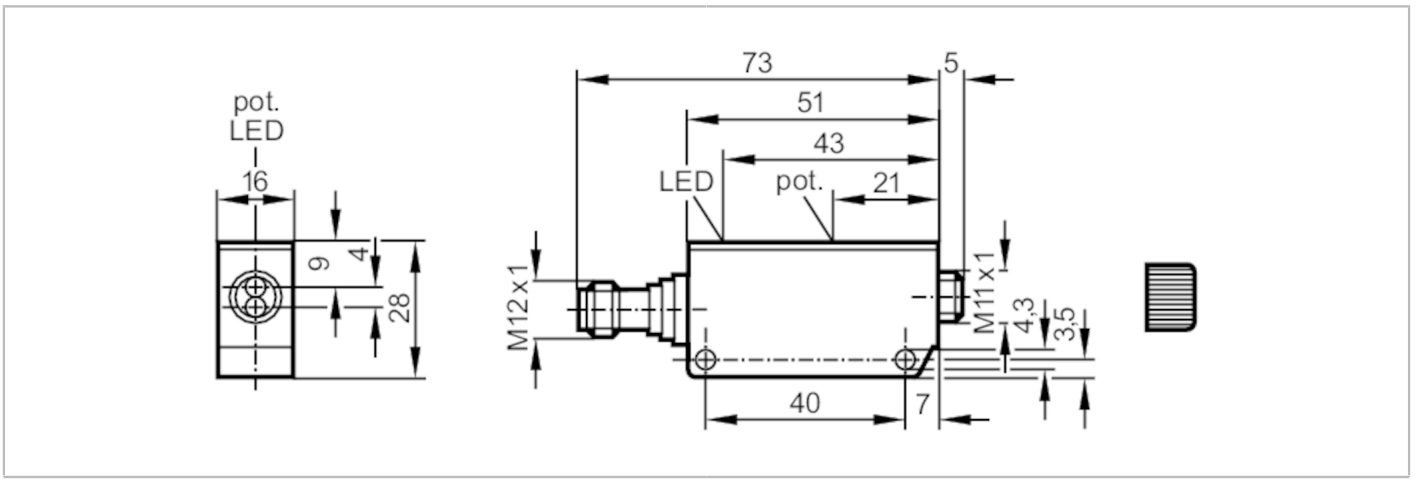
OU5088

Fibre-optic amplifier

OUF-DNKG/US-100-DNO

Article no longer available - archive entry



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

OU5088

Fibre-optic amplifier

OUF-DNKG/US-100-DNO

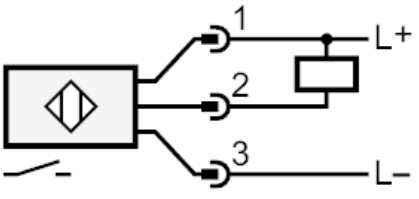
Mechanical data		
Housing		rectangular
Dimensions	[mm]	28 x 16 x 56
Materials		PPO modified
Lens material		glass

Displays / operating elements		
Display	switching status	1 x LED, yellow

Accessories	
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