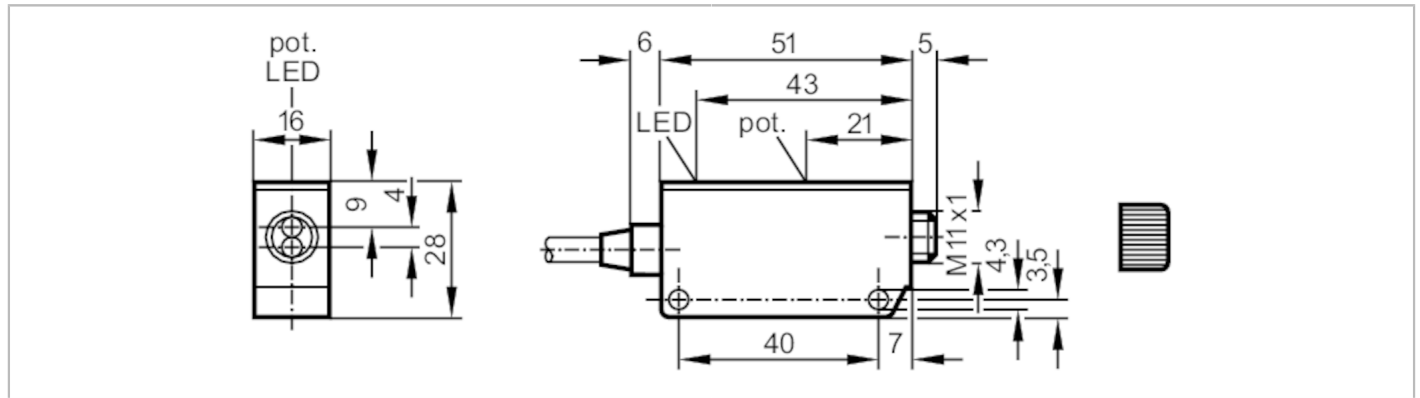


OU5001



Fibre-optic amplifier

OUF-HPKG



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	II
Reverse polarity protection	yes
Type of light	infrared light
Wave length [nm]	880

Outputs

Electrical design	PNP
Output function	light-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]	< 0.12; (Through-beam sensor)
Range [mm]	< 40; (Diffuse reflection sensor)
Range adjustable	yes

Operating conditions

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

OU5001



Fibre-optic amplifier

OUF-HPKG

Tests / approvals

EMC		EN 60947-5-2	
MTTF	[years]		653

Mechanical data

Weight	[g]		152
Housing			rectangular
Dimensions	[mm]		28 x 16 x 56
Materials			PPO modified
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	

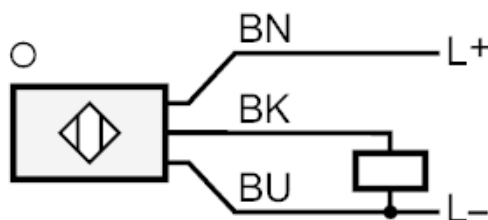
Remarks

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

Electrical connection

Cable: 2 m, PVC; 3 x 0.34 mm²

Connection



Core colours :

- BN = brown
- BU = blue
- BK = black



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Diagrams and graphs

excess gain graph

