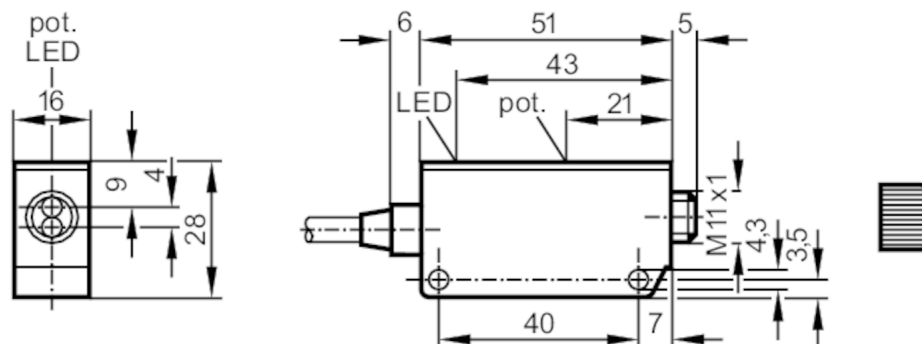




Fibre-optic amplifier

OUF-DPKG



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		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]	< 0.12; (Through-beam sensor)
Range	[mm]	< 40; (Diffuse reflection sensor)
Range adjustable		yes

Operating conditions

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

Tests / approvals

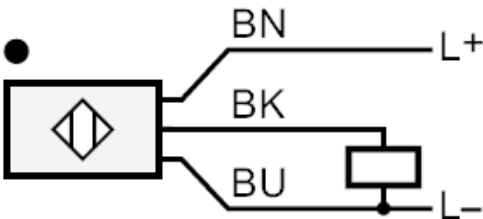
EMC		EN 60947-5-2
MTTF	[years]	583



Fibre-optic amplifier

OUF-DPKG

Mechanical data		
Weight	[g]	151
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
Accessories		
Accessories (supplied)	Angle bracket: 1 x, E20211	
	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		
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

