

OB5019



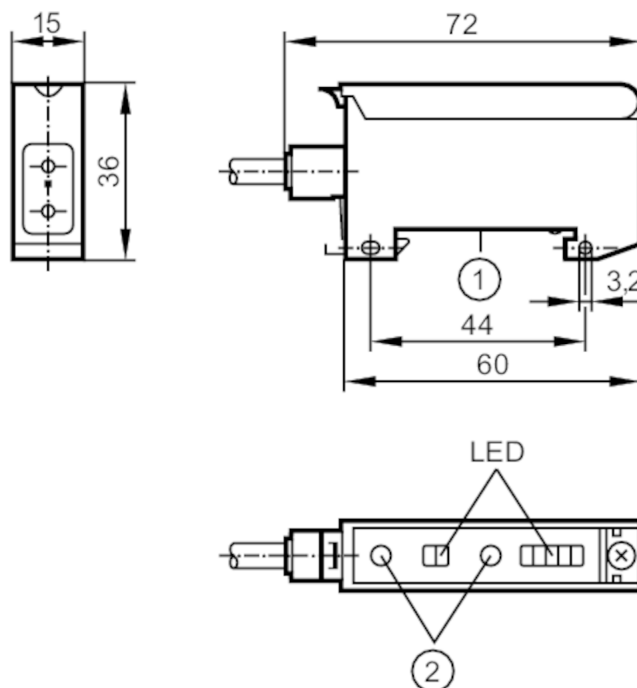
Fiber-optic amplifier

OBF-FPKG

Article no longer available - archive entry

Alternative articles: OBF502

When selecting an alternative article and accessories please note that technical data may differ!



- 1 Mounting on DIN rail
2 setting pushbuttons

Product characteristics

Type of light	red light
Housing	rectangular

Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	35; ((24 V))
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660

Outputs

Electrical design		PNP
Output function		light-on/dark-on mode; (configurable)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	500
Short-circuit protection		yes

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Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range	
Range [m]	0...1; (Through-beam sensor)
Range [mm]	0...50; (Diffuse reflection sensor)
Range adjustable	yes

Operating conditions	
Ambient temperature [°C]	-25...60
Protection	IP 65

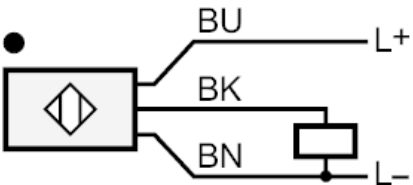
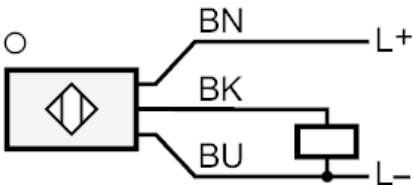
Tests / approvals	
EMC	EN 60947-5-2

Mechanical data	
Housing	rectangular
Dimensions [mm]	36 x 15 x 60
Material	\$3SGLWE

Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Power	1 x LED, green
	Unsafe zone	1 x LED, red

Remarks	
Remarks	light-on mode corresponds to the NC output function for through-beam fibers
	corresponds to the NO output function for diffuse-reflection fibers
	dark-on mode corresponds to the NO output function for through-beam fibers
	corresponds to the NC output function for diffuse-reflection fiber optics
	cULus - Class 2 source required
Pack quantity	1 pcs.

Electrical connection	
Cable: 2 m, PVC; 3 x 0.34 mm²	
Connection	



Core colors :	
BN =	brown
BU =	blue
BK =	black