

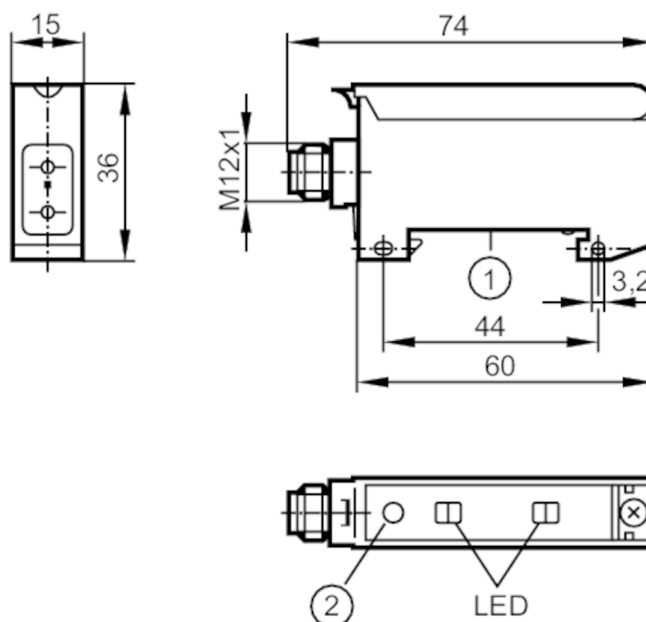
Fiber-optic amplifier

OBF-FPKG/US-100

Article no longer available - archive entry

Alternative articles: OBF500

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

OB5021



Fiber-optic amplifier

OB5021-00

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		PPE modified
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		
Connector: 1 x M12; coding: A		

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Connection

