

OB5026



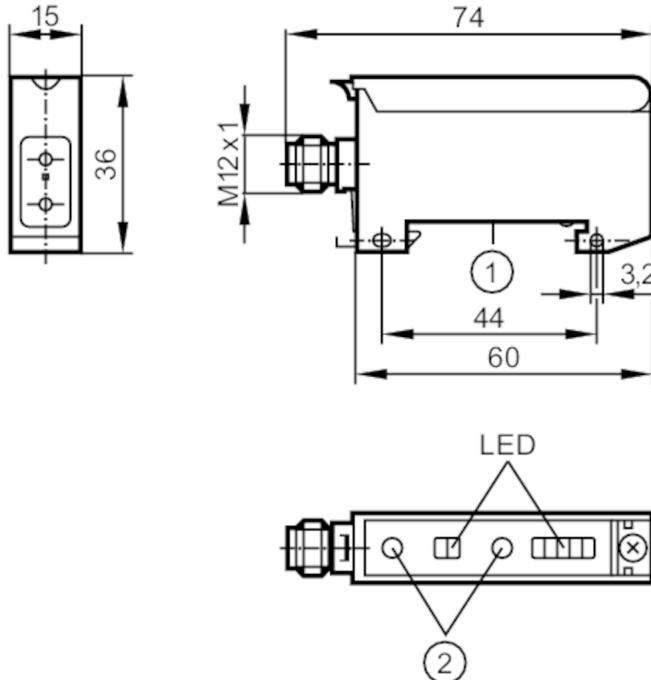
Fibre-optic amplifier

OBF-FPKG/T/US

Article no longer available - archive entry

Alternative articles: OBF504

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

Application

Special feature	Function check output
Design	for fibre optics with metal sheath FE/FT-50

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	< 35
Protection class	III
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	660

Outputs

Electrical design	PNP
Output function	light-on/dark-on mode; (parameterisable)
Max. voltage drop switching [V] output DC	2.5
Function check output	yes

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Max. voltage drop of function check output	[V]	3.5		
Max. current load for function check output	[mA]	10		
Permanent current rating of switching output DC	[mA]	100		
Switching frequency DC	[Hz]	500		
Short-circuit protection		yes		
Type of short-circuit protection		pulsed		
Overload protection		yes		
Time function	[s]	0.002...0.09		
Detection zone				
Range	[m]	0...1; (Through-beam sensor)		
Range	[mm]	0...150; (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		
Materials		ABS		
Lens material		PMMA		
Displays / operating elements				
Display	switching status	1 x LED, yellow		
	operation	1 x LED, green		
	unsafe zone	1 x LED, red		
	excess gain	4 x LED, green		
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			
	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				



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Connection

