

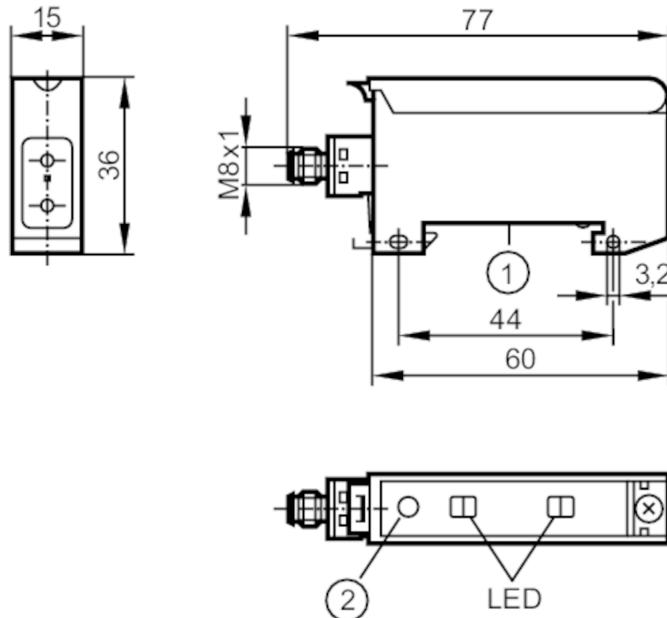
OB5031



Fibre-optic amplifier

OBF-FPKG/AS

Article no longer available - archive entry



- 1 mounting on DIN rail
2 setting pushbuttons

Product characteristics

Type of light	red light
Housing	rectangular

Application

Design	for fibre optics with metal sheath FE/FT-50
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Electrical data

Operating voltage	[V]	10...30 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 output DC	[V]
Permanent current rating of switching output DC	[mA]
Switching frequency DC	[Hz]
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

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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		
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 M8; coding: A				



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Connection

