

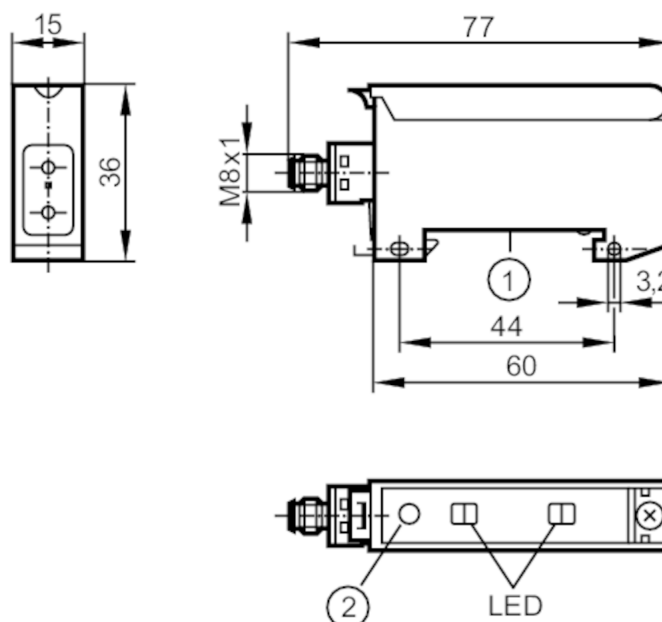
Fiber-optic amplifier

OBF-FPKG/AS

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Alternative articles: OBF507

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

Design	for fibers 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; (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...150; (Diffuse reflection sensor)
Range adjustable	yes

Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Housing	rectangular
Dimensions [mm]	36 x 15 x 60
Material	ABS
Lens material	PMMA

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
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M8; coding: A





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Connection

