

# OB5019



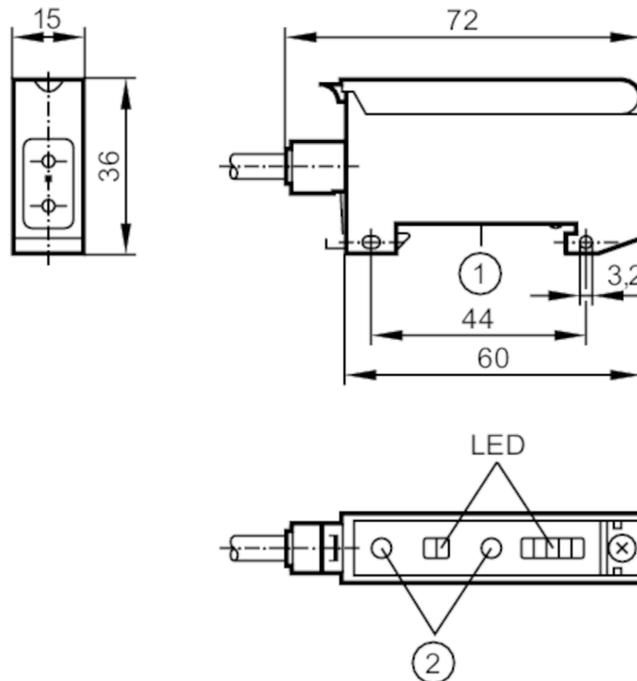
## Fibre-optic amplifier

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; (parameterisable)
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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## Fibre-optic amplifier

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Type of short-circuit protection	pulsed
Overload protection	yes

### Detection zone

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
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### Mechanical data

Housing	rectangular
Dimensions [mm]	36 x 15 x 60
Materials	\$3SGLWE

### 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
	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

### Electrical connection

Cable: 2 m, PVC; 3 x 0.34 mm<sup>2</sup>

### Connection



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