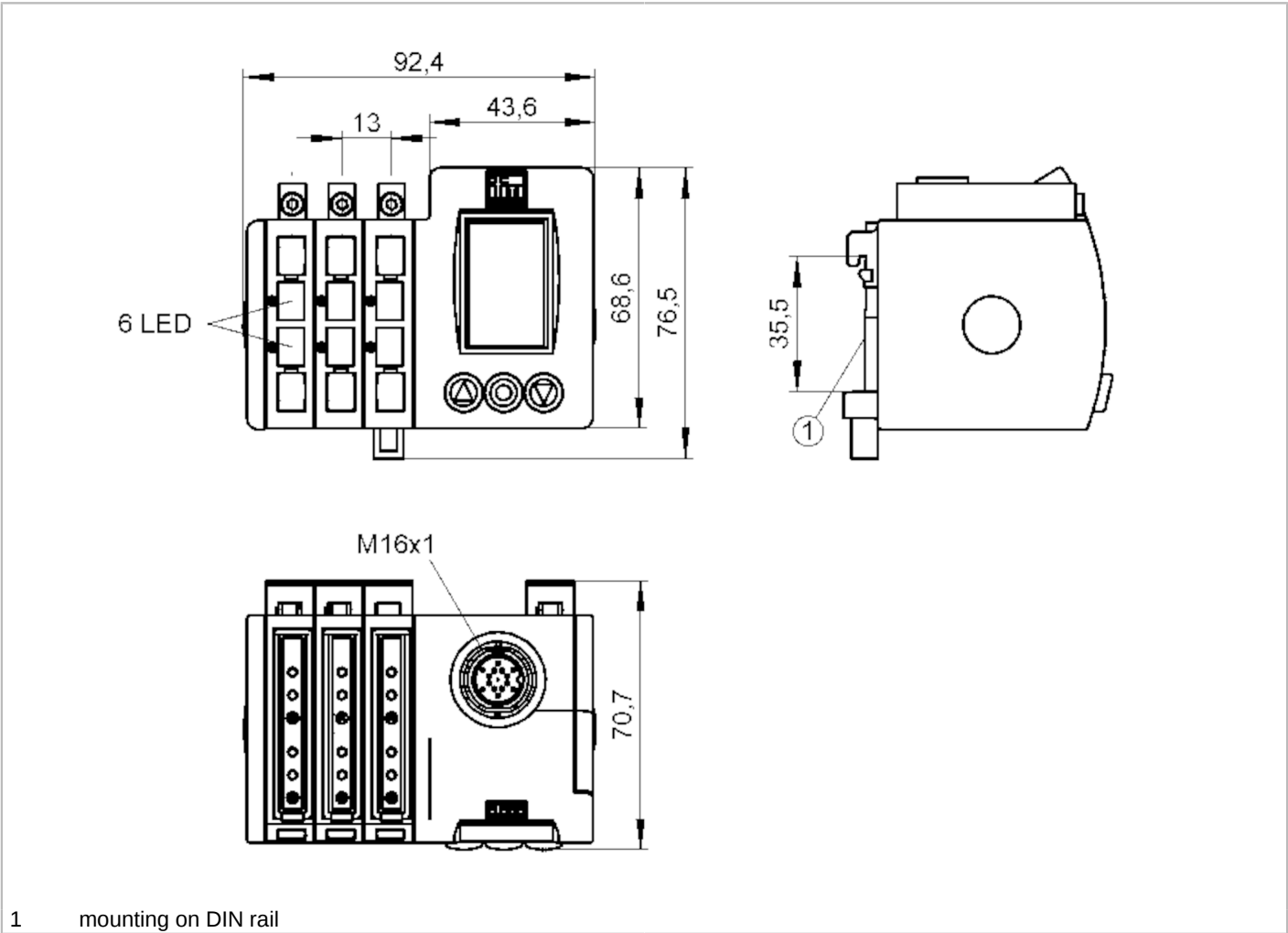




Fibre-optic amplifier

OOF-FPKG/M16/KL6



1 mounting on DIN rail



Product characteristics		
Type of light		red light
Housing		rectangular
Application		
Special feature		Function check output
Electrical data		
Operating voltage	[V]	12...36 DC
Current consumption	[mA]	50; ((24 V))
Max. power consumption	[VA]	1.2
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	630
Outputs		
Electrical design		PNP
Output function		light-on/dark-on mode; (programmable)



## Fibre-optic amplifier

00F-FPKG/M16/KL6

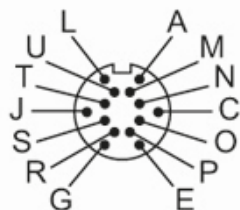
Max. voltage drop switching output DC	[V]	2
Function check output		yes
Max. current load for function check output	[mA]	200
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	1000
Notes on switching frequency	[Hz]	typical
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes
Time function	[s]	0.001...0.1
<b>Detection zone</b>		
Range	[m]	< 3.8; (Through-beam sensor)
Range	[mm]	0...300; (Diffuse reflection sensor)
Range adjustable		yes
<b>Software / programming</b>		
Parameter setting options		automatic and manual switch point setting; logic functions AND, OR; second switch point
<b>Operating conditions</b>		
Ambient temperature	[°C]	-20...60
Protection		IP 65
<b>Tests / approvals</b>		
EMC	EN 60947-5-2	
	EN 55011	class B
<b>Mechanical data</b>		
Weight	[g]	521
Housing		rectangular
Dimensions	[mm]	76.5 x 92.4 x 70.7
Number of channels		6
Fibre optic connection		FE-11 / FT-11
Materials		housing: ABS; display window: PMMA; LED window: SEPS; cover: diecast zinc plastic coated (PA)
Lens alignment		side lens
<b>Displays / operating elements</b>		
Display		full graphic LCD display, rotation of the display by 180° possible language selection (German, English, French)
	switching status	6 x LED, yellow
Electronic lock		yes
<b>Accessories</b>		
Items supplied		rail: 1 x 81 mm, EN 60715
<b>Remarks</b>		
Remarks		operating voltage "supply class 2" according to cULus
Pack quantity		1 pcs.

## Fibre-optic amplifier

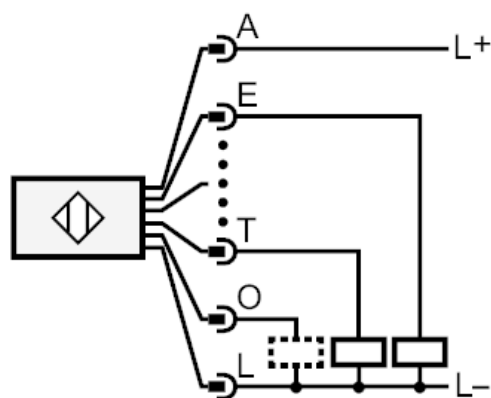
00F-FPKG/M16/KL6

### Electrical connection

Connector: 1 x M16



### Connection



E: Out 1  
P: Out 2  
S: Out 3  
G: Out 4  
C: Out 5  
T: Out 6

O Function check output