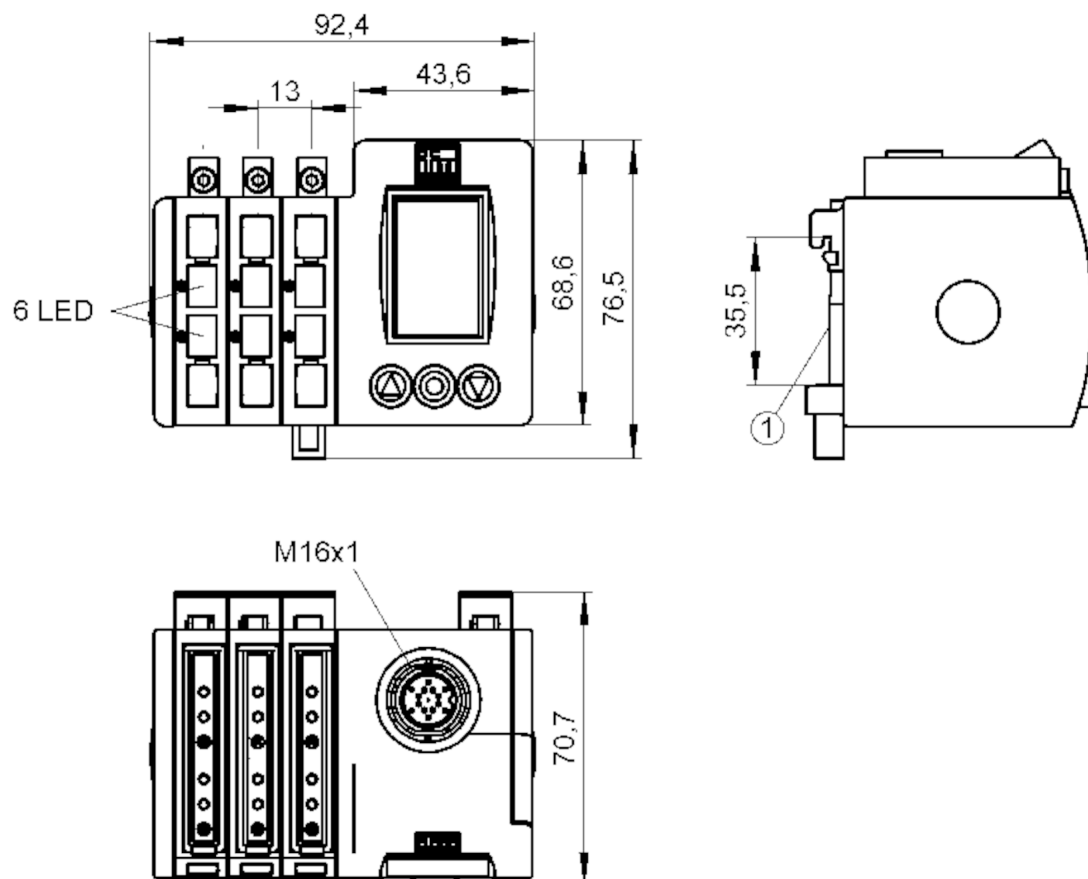




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1 mounting on DIN rail



Product characteristics

Type of light	red light
Housing	rectangular

Application

Special feature	Function check output
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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	NPN
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Fibre-optic amplifier

00F-FNKG/M16/KL6

Output function	light-on/dark-on mode; (programmable)	
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	
Detection zone		
Range [m]	< 3.8; (Through-beam sensor)	
Range [mm]	0...300; (Diffuse reflection sensor)	
Range adjustable	yes	
Software / programming		
Parameter setting options	automatic and manual switch point setting; logic functions AND, OR; second switch point	
Operating conditions		
Ambient temperature [°C]	-20...60	
Protection	IP 65	
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Weight [g]	528.4	
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	
Displays / operating elements		
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	
Accessories		
Items supplied	rail: 1 x 81 mm, EN 60715	
Remarks		
Remarks	operating voltage "supply class 2" according to cULus	



Fibre-optic amplifier

OO5-FNKG/M16/KL6

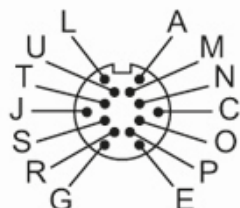
Pack quantity

1 pcs.

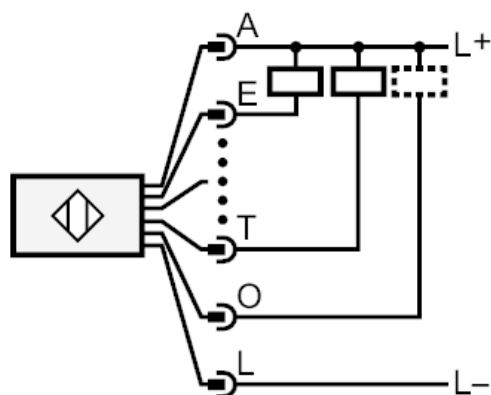
Electrical connection

Connector: 1 x M16

Electrical connection - Connection



Connection



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

O Function check output