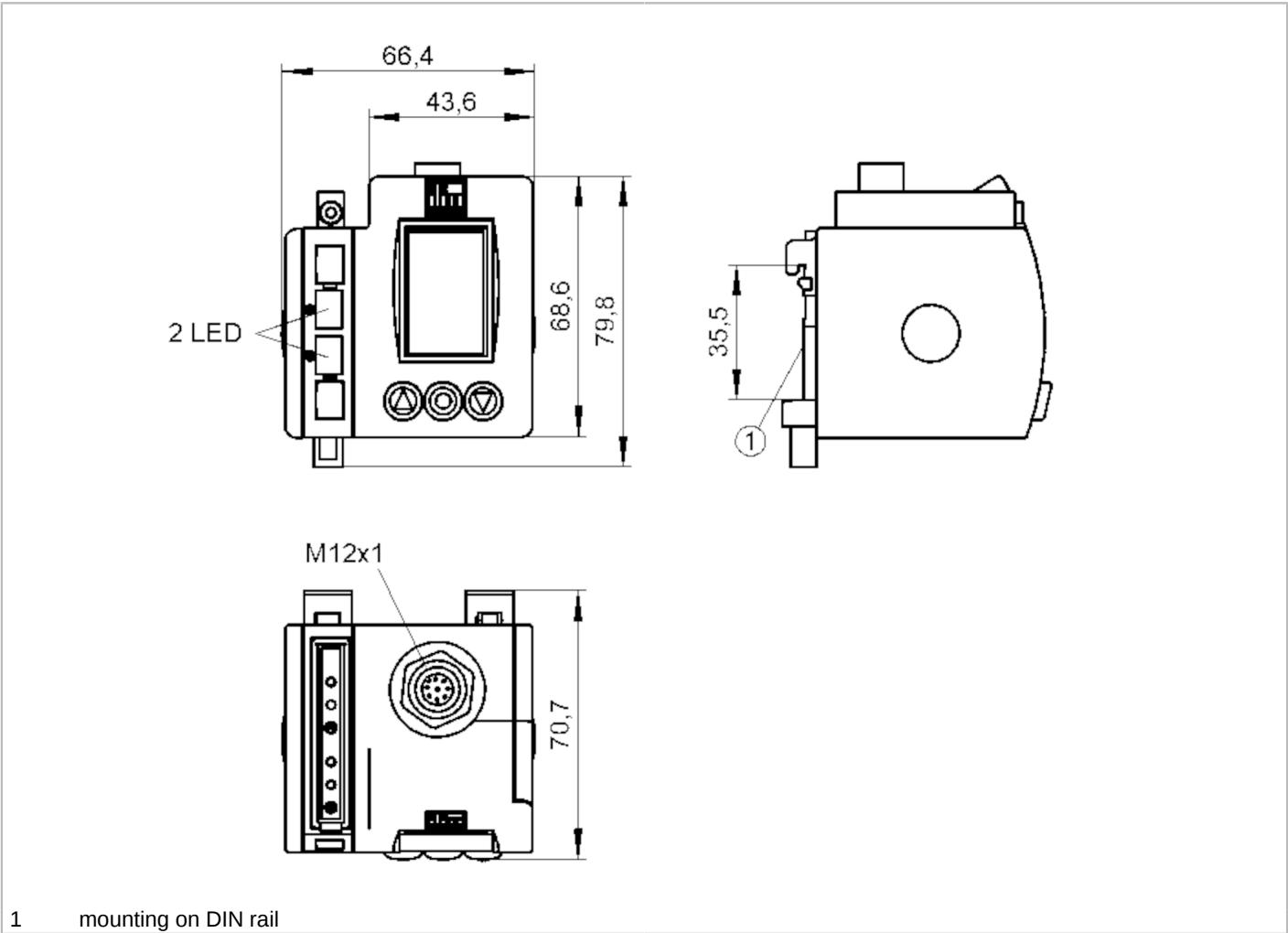




Fibre-optic amplifier

OOF-FNKG/M12/KL2



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]	1.1
Protection class	III
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	630
Outputs	
Electrical design	NPN
Output function	light-on/dark-on mode; (programmable)



Fibre-optic amplifier

00F-FNKG/M12/KL2

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]	2700
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
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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]	458
Housing		rectangular
Dimensions	[mm]	79.8 x 66.4 x 70.7
Number of channels		2
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	2 x LED, yellow
Electronic lock		yes

Аксессуары

Items supplied	rail: 1 x 55 mm, EN 60715
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Remarks

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

Fibre-optic amplifier

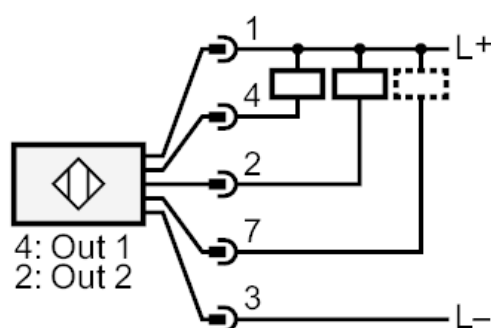
OO5-FNKG/M12/KL2

Electrical connection

Connector: 1 x M12; coding: A



Connection



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Function check output