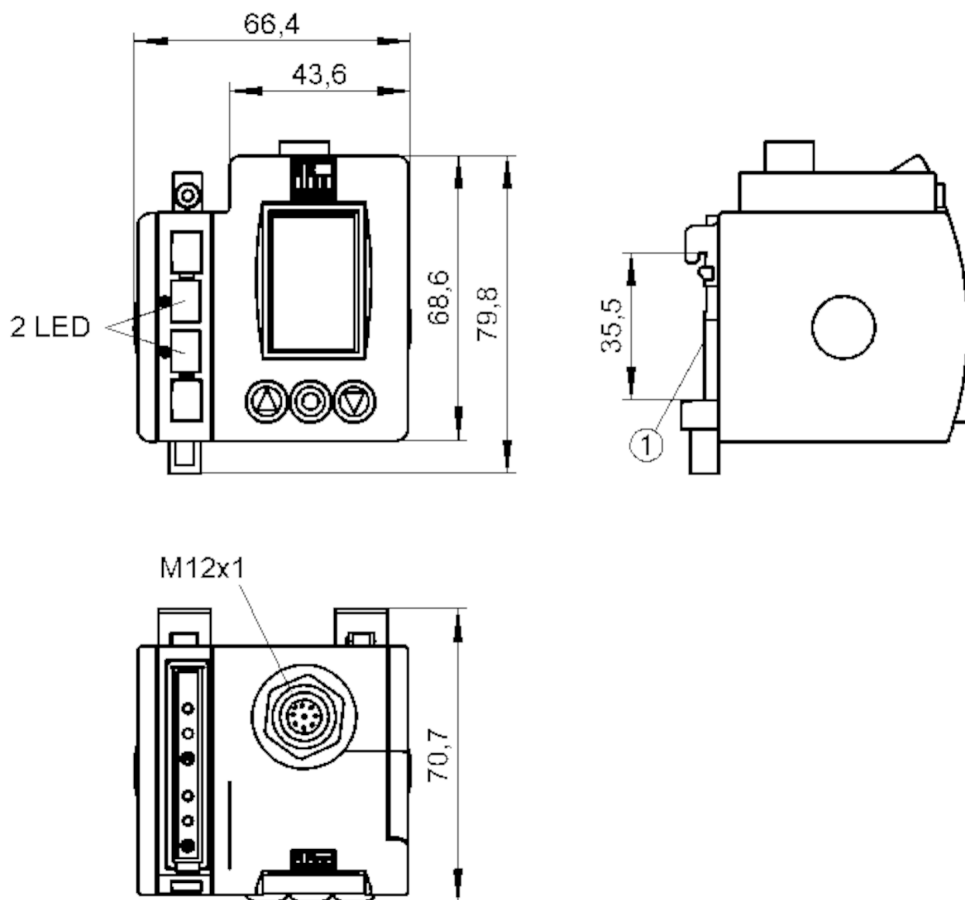


Fibre-optic amplifier

OO5-FNKG/M12/KL2



1 mounting on DIN rail



Product characteristics

Type of light	red light
Housing	rectangular
Dimensions [mm]	79.8 x 66.4 x 70.7

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]	1.1
Protection class	III
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	630



Fibre-optic amplifier

OO5-FNKG/M12/KL2

Outputs		
Electrical design	NPN	
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]	2700	
Notes on switching frequency	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]	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	
Accessories		
Accessories (supplied)	rail: 1 x x 55 mm. EN 60715	



Fibre-optic amplifier

OOF-FNKG/M12/KL2

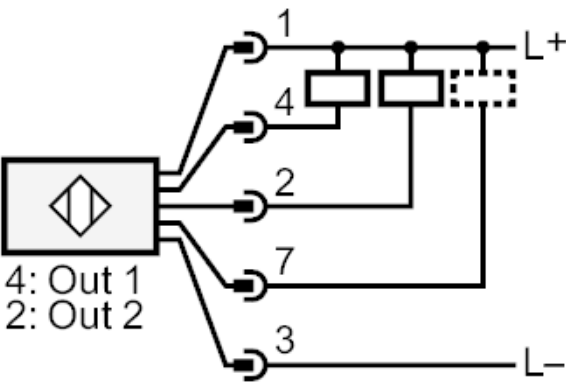
Remarks	
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12



Connection



7 Function check output