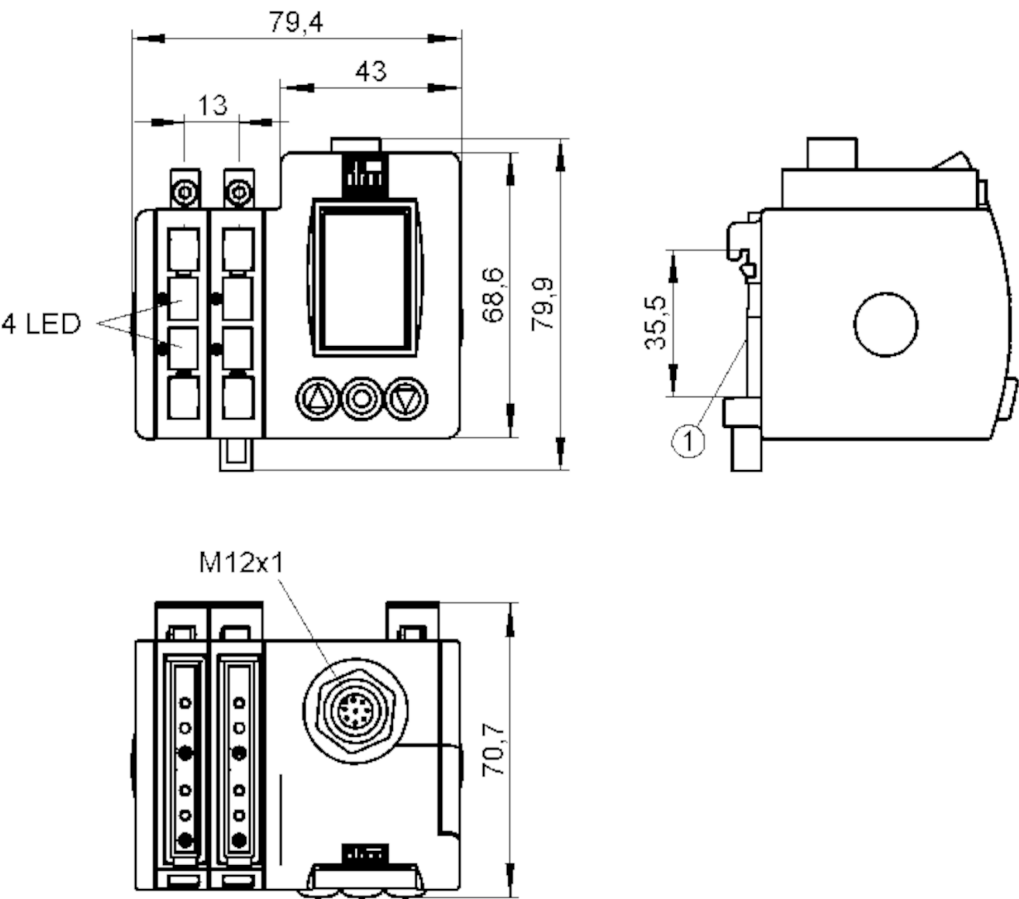




Fiber-optic amplifier

OO5-FPKG/M12/KL4

For 8-wire cordsets the core colors are not standardized.
Please note the wiring of the sensor and the cordsets (see data sheet).



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



Fiber-optic amplifier

OOF-FPKG/M12/KL4

Outputs		
Electrical design	PNP	
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]	1500	
Notes on switching frequency [Hz]	typical	
Short-circuit protection	yes	
Type of short-circuit protection	yes (non-latching)	
Overload protection	yes	
Time function [s]	0.001...0.1	
Monitoring range		
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; AND / OR logic functions; 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]	486	
Housing	rectangular	
Dimensions [mm]	79.9 x 79.4 x 70.7	
Number of channels	4	
Fiber optic connection	FE-11 / FT-11	
Material	housing: ABS; display window: PMMA; LED window: SEPS; cover: diecast zinc plastic coated (PA)	
Lens alignment	Side sensing	
Displays / operating elements		
Display		full graphic LCD display, rotation of the display by 180° possible language selection (German, English, French)
	Switching status	4 x LED, yellow
Electronic lock	yes	
Accessories		
Items supplied	rail: 1 x 68 mm. EN 60715	



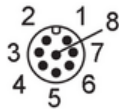
Fiber-optic amplifier

OO5-FPKG/M12/KL4

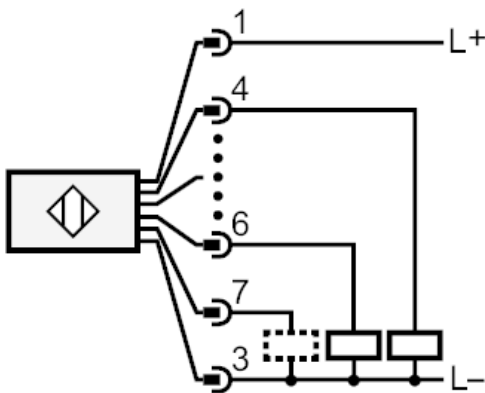
Remarks	
Remarks	cULus - Class 2 source required
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



Connection



7 Function check output