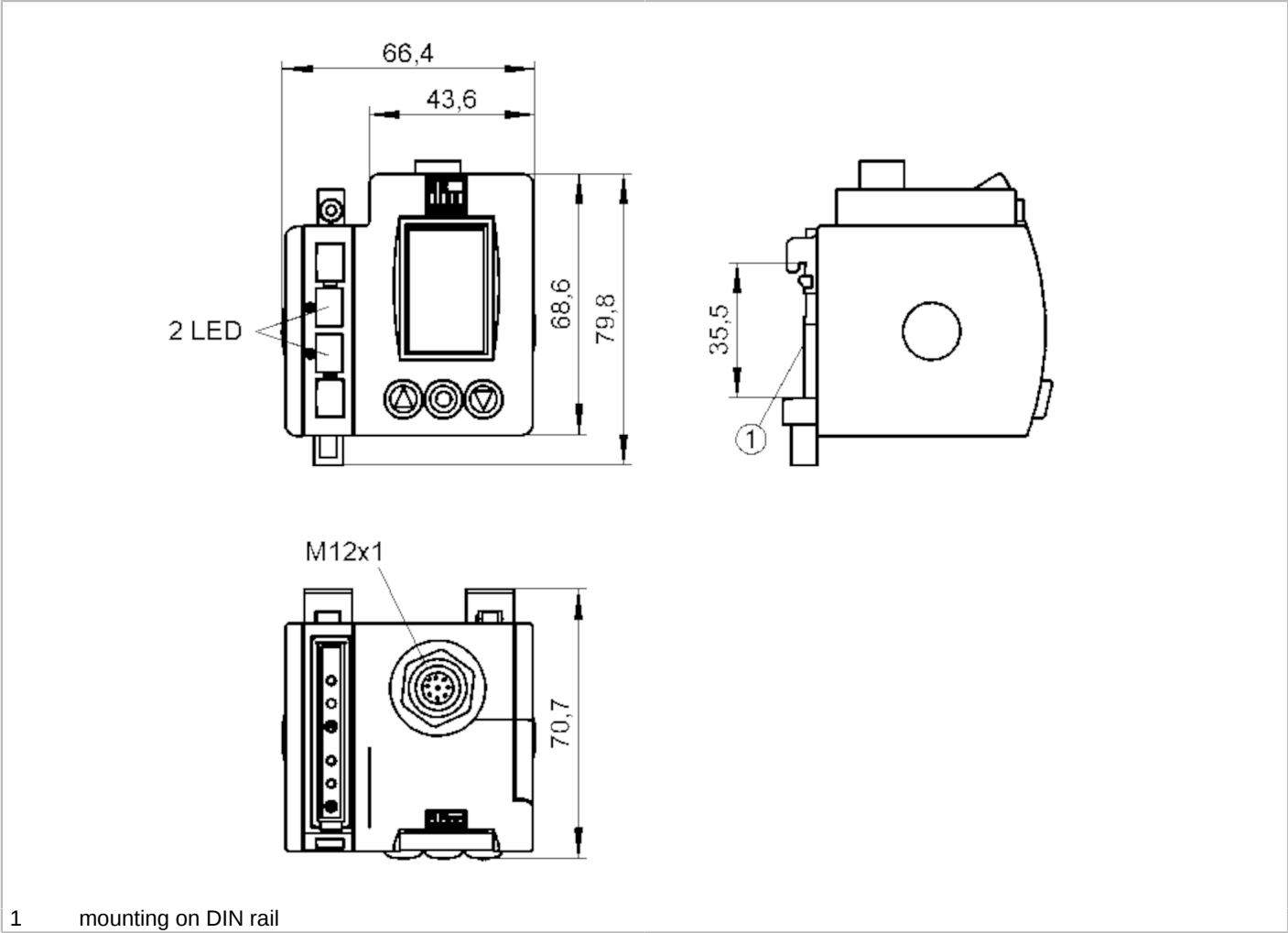




Fibre-optic amplifier

OO5-FPKG/M12/KL2

For 8-pole sockets the core colours are not standardised.
Please note the wiring of the sensor and the sockets (see data sheet).



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



Fibre-optic amplifier

OO5-FPKG/M12/KL2

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]	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	
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]	457	
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		
Items supplied	rail: 1 x 55 mm. EN 60715	



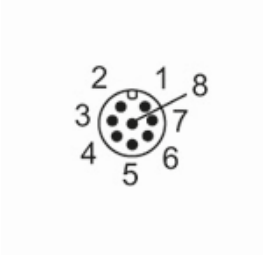
Fibre-optic amplifier

OOF-FPKG/M12/KL2

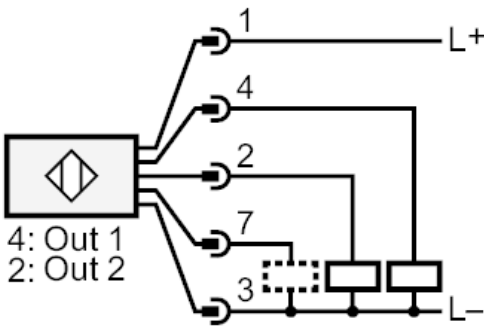
Remarks	
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



Connection



7 Function check output