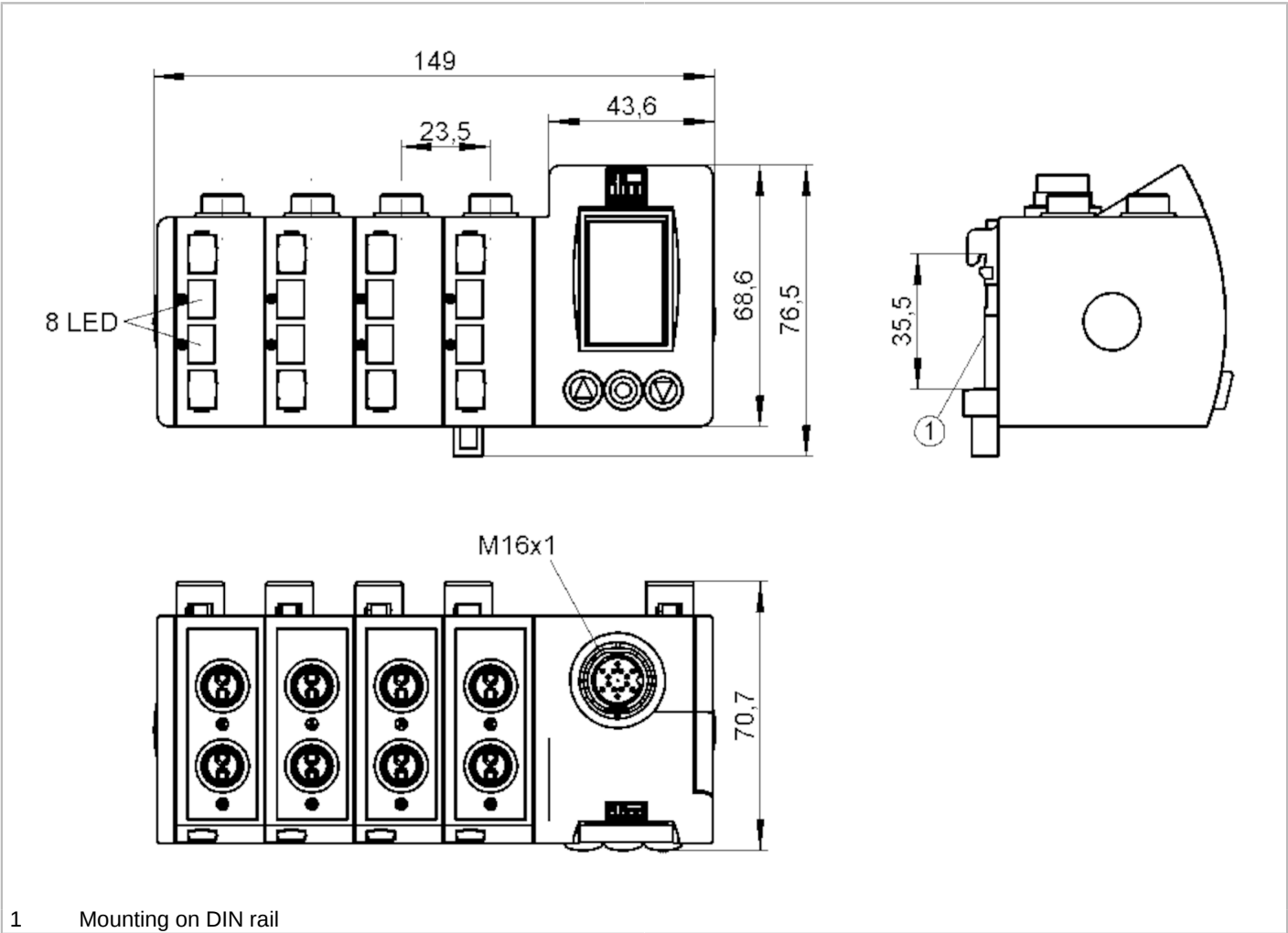




Fiber-optic amplifier

OO5-FPKG/M16/GL8



1 Mounting on DIN rail



Product characteristics		
Type of light	red light	
Housing	rectangular	
Application		
System	Function check output	
Electrical data		
Operating voltage	[V]	12...36 DC
Current consumption	[mA]	50; ((24 V))
Max. power consumption	[VA]	1.3
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	630
Outputs		
Electrical design	PNP	
Output function	light-on/dark-on mode; (programmable)	



Fiber-optic amplifier

00F-FPKG/M16/GL8

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]	800
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]	< 0.4; (Through-beam sensor)
Range	[mm]	0...200; (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] 595
Housing	rectangular
Dimensions	[mm] 76.5 x 149 x 70.7
Number of channels	8
Fiber optic connection	FE-00 / FT-00
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	8 x LED, yellow
Electronic lock		yes

Accessories	
Items supplied	rail: 1 x 137 mm, EN 60715

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

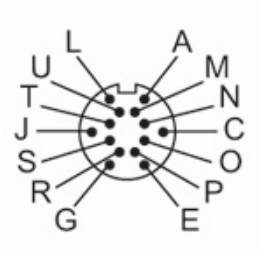


Fiber-optic amplifier

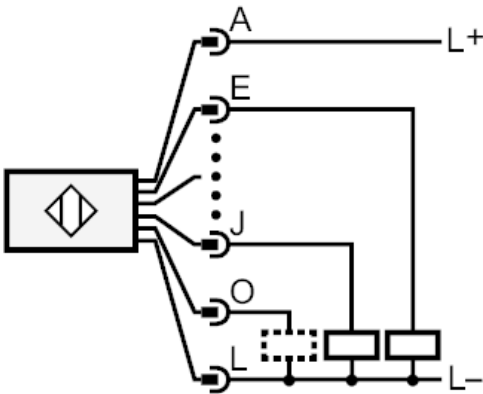
00F-FPKG/M16/GL8

Electrical connection

Connector: 1 x M16



Connection



- E: Out 1
- P: Out 2
- S: Out 3
- G: Out 4
- C: Out 5
- T: Out 6
- N: Out 7
- J: Out 8

O Function check output