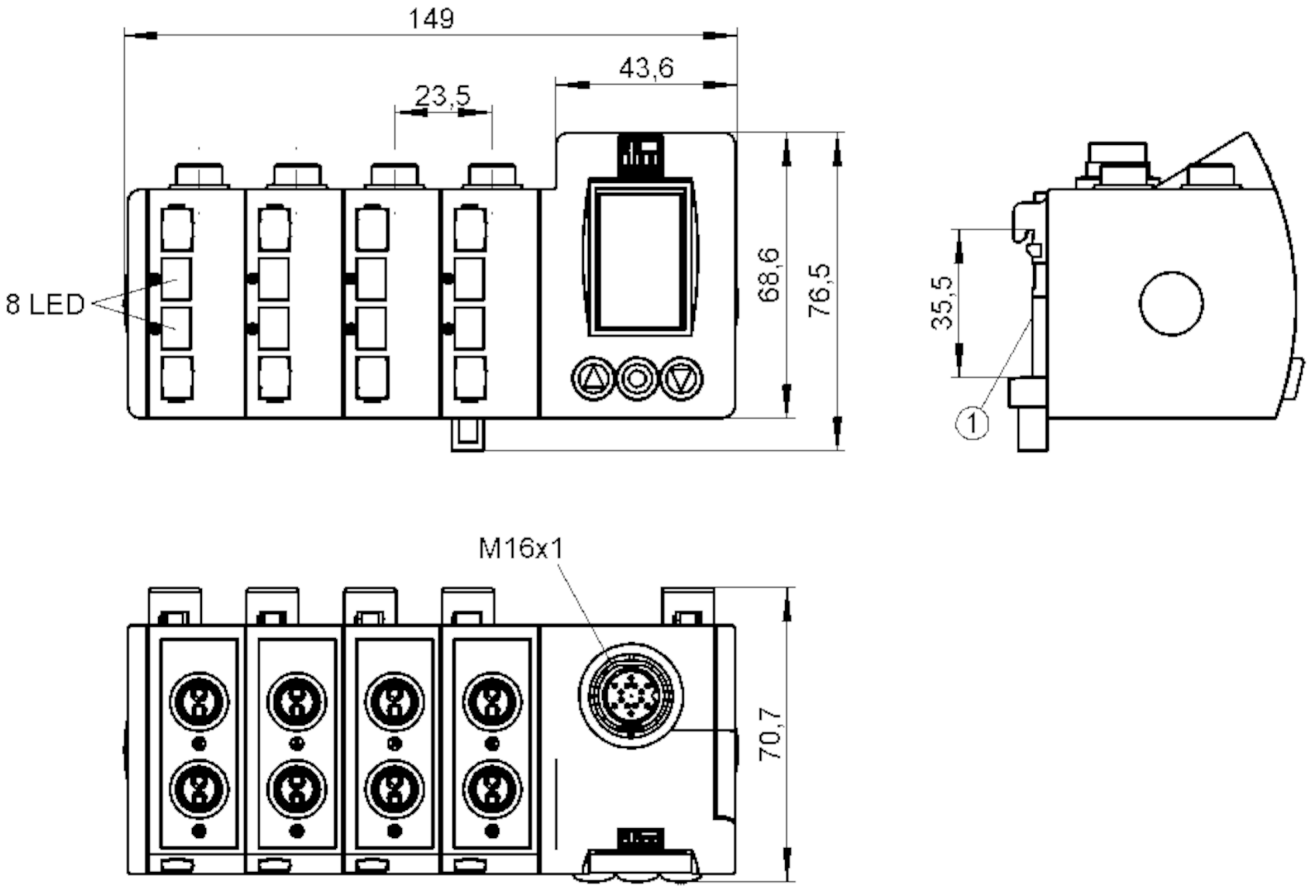
OO5007

Fibre-optic amplifier

OOF-FPKG/M16/GL8



1 mounting on DIN rail

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

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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]	800	
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]	< 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; 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]	598	
Housing		rectangular	
Dimensions	[mm]	76.5 x 149 x 70.7	
Number of channels		8	
Fibre optic connection		FE-00 / FT-00	
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	8 x LED, yellow
Electronic lock		yes	
Accessories			
Accessories (supplied)		rail: 1 x x 137 mm, EN 60715	

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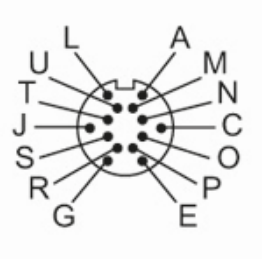
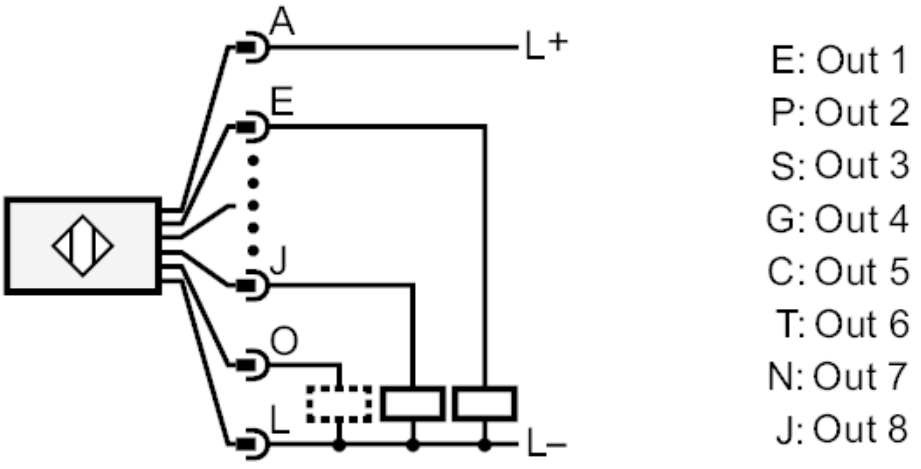
Remarks	
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M16



Connection



O	Function check output