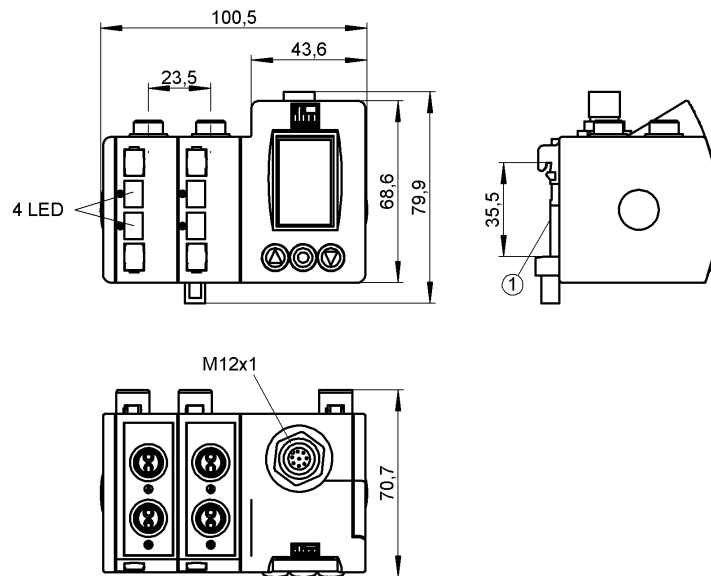




1: Mounting on DIN rail

Made in Germany


Product characteristics

Fibre-optic amplifier	
Plastic housing	
Connector	
4 channels for 4 glass fibre optics Types FE-00 / FT-00	
No mutual optical interference	
Graphic display	
Central operation	
Electronic lock	
Function check output	
Sensing range 400mm (Through-beam sensor)	
Range 0...200mm (Diffuse reflection sensor)	
adjustable	

Electrical data

Electrical design	DC PNP
Operating voltage [V]	12...36 DC
Current consumption [mA]	50 (24 V DC)
Power consumption [VA]	1.2
Type of light	Red light 630 nm
Protection class	III
Reverse polarity protection	yes

Outputs

Output function	light-on / dark-on programmable
Voltage drop [V]	< 2
Current rating	
- Switching output [mA]	200
- Function check output [mA]	200
Short-circuit protection	pulsed

OO5005

OOF-FPKG/M12/GL4

Photoelectric sensors

Overload protection		yes
Switching frequency	[Hz]	1500 typ.
Timer	[s]	0.001...0.1

Range

Sensing range	[m]	0.4 (Through-beam sensor)
Range	[mm]	0...200 (Diffuse reflection sensor)

Measuring / setting range

Possible settings	- automatic and manual switch point setting - logic functions AND; OR - second switch point
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Environment

Ambient temperature	[°C]	-20...60
Protection		IP 65

Tests / approvals

EMC	EN 60947-5-2 EN 55011:	class B
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Mechanical data

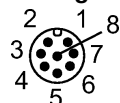
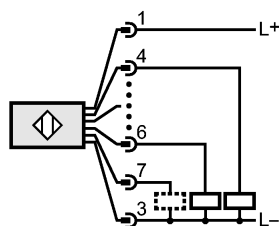
Housing materials	housing: ABS; display window: PMMA; LED window: SEPS; cover: diecast zinc plastic coated (PA)	
Weight	[kg]	0.506

Displays / operating elements

Display	Display unit full graphic LCD display Switching status 4 x LED yellow
Display options	- display can be rotated by 180° - language selection (German, English, French)

Electrical connection

Connection	M12 connector
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Wiring


4: Out 1
 2: Out 2
 5: Out 3
 6: Out 4

7: function check

Accessories

Accessories (included)	DIN rail EN60715; length: 89 mm
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Remarks

Remarks	cULus - Class 2 source required
Pack quantity	[piece] 1