



1: Mounting on DIN rail



Product characteristics

Fiber-optic amplifier

Plastic housing

Quick disconnect

4 channels for 4 glass fiber 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)

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

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

1500 typ.

Timer [s]

0.001...0.1

OO5005 - Fiber-optic amplifier - eclass: 27270905 / 27-27-09-05

Monitoring 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
Environment		
Ambient temperature	[°C]	-20...60
Protection		IP 65
Tests / approvals		
EMC		EN 60947-5-2 EN 55011: class B
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
Wiring		
<p>7: function check</p>		
Accessories		
Accessories (included)		DIN rail EN60715; length: 89 mm
Remarks		
Remarks		cULus - Class 2 source required
Pack quantity	[piece]	1