

1: Mounting on DIN rail



Product characteristics

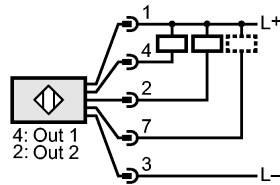
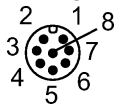
Fiber-optic amplifier
Plastic housing
Quick disconnect
2 channels for 2 plastic fiber optics Types FE-11 / FT-11
No mutual optical interference
Graphic display
Central operation
Electronic lock
Function check output
Sensing range 3800mm (Through-beam sensor)
Range 0...300mm (Diffuse reflection sensor)
adjustable

Electrical data		DC NPN
Electrical design		DC NPN
Operating voltage	[V]	12...36 DC
Current consumption	[mA]	50 (24 V)
Power consumption	[VA]	1.1
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
<b>Current rating</b>		
- Switching output	[mA]	200
- Function check output	[mA]	200
Short-circuit protection		yes (non-latching)
Overload protection		yes
Switching frequency	[Hz]	2700 typ.
Timer	[s]	0.001...0.1

**OO5008 - Fiber-optic amplifier - eclass: 27270905 / 27-27-09-05**

Monitoring range		
Sensing range [m]		3.8 (Through-beam sensor)
Range [mm]		0...300 (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]		0.457
Displays / operating elements		
Display		Display unit full graphic LCD display Switching status 2 x LED yellow
Display options		- display can be rotated by 180° - language selection (German, English, French)
Electrical connection		
Connection		M12 connector

**Wiring**



7: function check

Accessories		
Accessories (included)		DIN rail EN60715; length: 55 mm
Remarks		
Remarks		cULus - Class 2 source required
Pack quantity [piece]		1