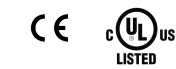
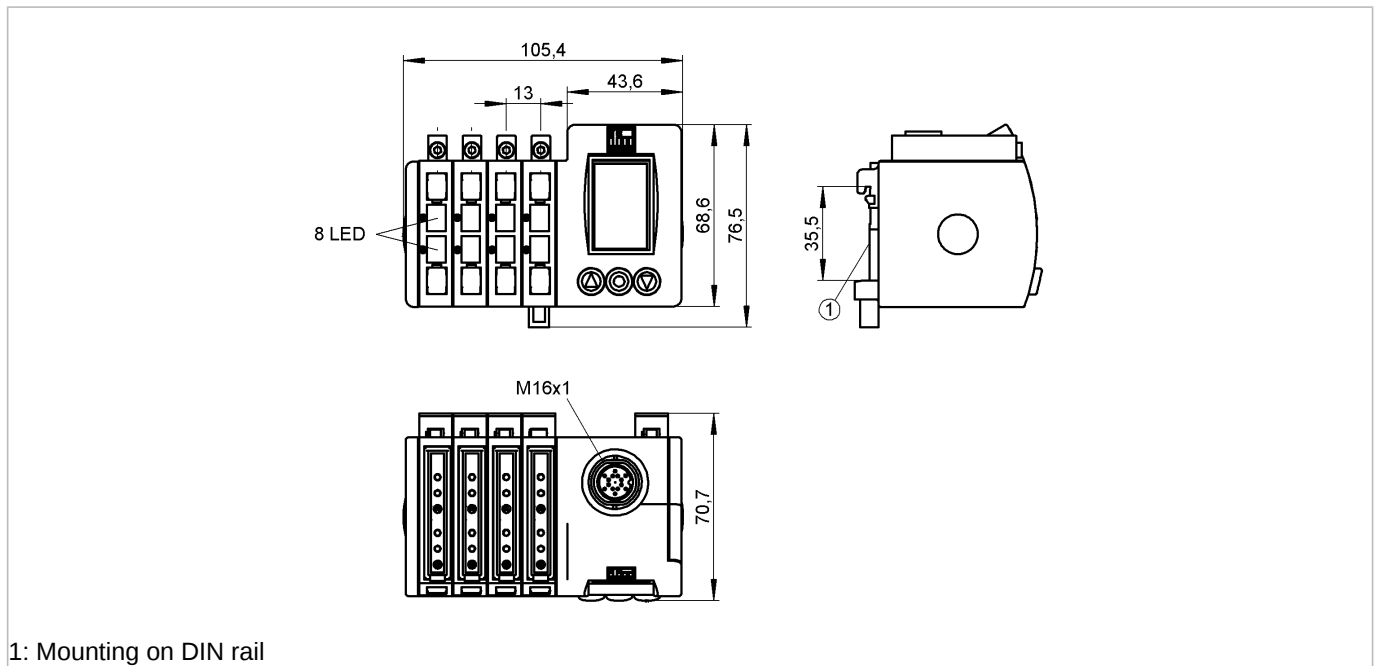


**OO5003**

OO5003  
OOF-FPKG/M16/KL8

Photoelectric sensors



**Product characteristics**

Fibre-optic amplifier
Plastic housing
Connector
8 channels for 8 plastic fibre 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**

Electrical design	DC PNP
Operating voltage [V]	12...36 DC
Current consumption [mA]	50 (24 V)
Power consumption [VA]	1.3
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	pulsed

## OO5003

OO5003  
OOF-FPKG/M16/KL8

Photoelectric sensors

Overload protection		yes
Switching frequency	[Hz]	800 typ.
Timer	[s]	0.001...0.1

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

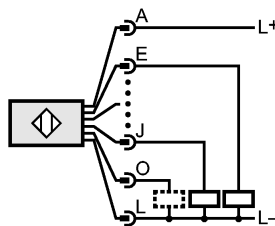
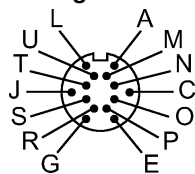
Tests / approvals	
EMC	EN 60947-5-2 EN 55011: class B

Mechanical data	
Housing materials	housing: ABS; display window: PMMA; LED window: SEPS; cover: diecast zinc plastic coated (PA)
Weight	[kg] 0.557

Displays / operating elements	
Display	Display unit full graphic LCD display Switching status 8 x LED yellow
Display options	- display can be rotated by 180° - language selection (German, English, French)

Electrical connection	
Connection	M16 connector

### Wiring



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

Accessories	
Accessories (included)	DIN rail EN60715; length: 94 mm

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