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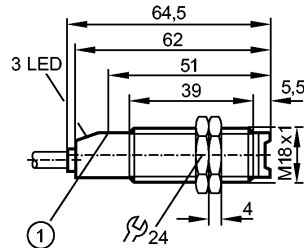
**efector200**

OG5049



OGT-FPKG

Photoelectric sensors



1: pushbutton



Product characteristics

Diffuse reflection sensor

Threaded type

M18 x 1

Cable

Range 1...600mm (Range referred to white paper 200 x 200 mm, 90 % remission)

adjustable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Type of light

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Monitoring range

Range [mm]

Light spot diameter [mm]

Excess gain graphs

DC PNP

10...36 DC

< 30

Infrared light 880 nm

II

yes

light-on / dark-on programmable

< 2.5

200

yes (non-latching)

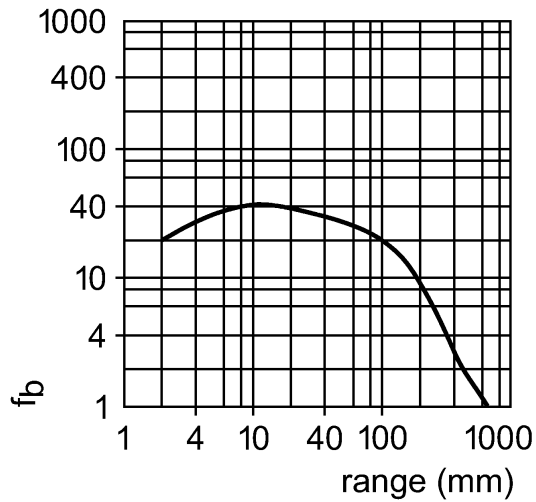
yes

500

1...600 (Range referred to white paper 200 x 200 mm, 90 % remission)

< 169 ( at maximum range )

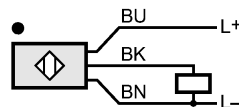
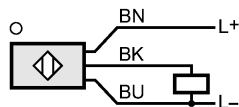
**OG5049 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03**



Environment	
Ambient temperature [°C]	-25...80
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2 EN 55011: class B
Mechanical data	
Housing materials	PBT (Pocan)
Lens material	PMMA
Weight [kg]	0.125
Displays / operating elements	
Output status indication LED	yellow
Power LED	green
Function display LED	red
Electrical connection	
Connection	PVC cable / 2 m; 3 x 0.34 mm <sup>2</sup>

**Wiring**

Core colors  
 BN brown  
 BU blue  
 BK black



Accessories	
Accessories (included)	2 lock nuts
Remarks	
Pack quantity [piece]	1