

no longer available - archive entry replaced by: OGP502

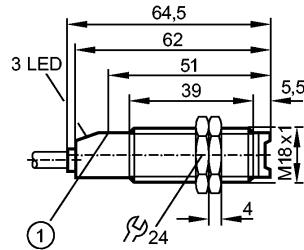
efector200

OG5045



OGP-FPKG/B1

Photoelectric sensors



1: pushbutton



Product characteristics

Retro-reflective sensor

Threaded type

M18 x 1

Cable

Polarization filter

Sensing range 3m (Prismatic reflector Ø 80 (E20005))

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

Sensing range [m]

Light spot diameter [mm]

Excess gain graphs

DC PNP

10...36 DC

< 30

red light 660 nm

II

yes

light-on / dark-on programmable

< 2.5

200

yes (non-latching)

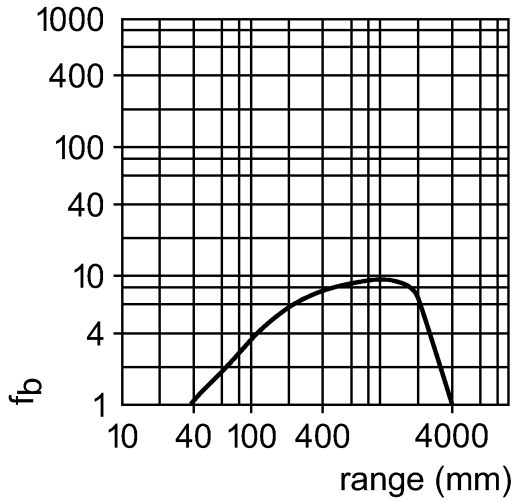
yes

500

3 (Prismatic reflector Ø 80 (E20005))

262 (at maximum range)

OG5045 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02

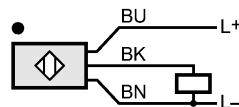
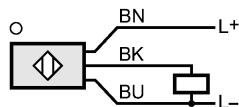


Environment	
Ambient temperature [°C]	-25...80
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2 EN 55011: class B
Mechanical data	
Housing materials	PBT (Pocan)
Lens material	PMMA
Weight [kg]	0.125
Displays / operating elements	
Output status indication LED	yellow
Power LED	green
Function display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

Wiring

Core colors

BN brown
BU blue
BK black



Accessories	
Accessories (included)	2 lock nuts
Remarks	
Remarks	cULus - Class 2 source required
Pack quantity [piece]	1