

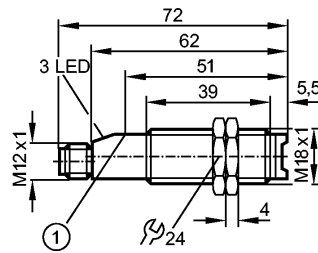
no longer available - archive entry Alternative article: OGE200 + OGS200 or OGE500 + OGS500
 Due to the changed type of light, both transmitter and receiver must be replaced!
 When selecting an alternative article and accessories please note that technical data may differ!

efector200
 OG5043



OGE-FPKG/US-100

Photoelectric sensors



1: pushbutton



Product characteristics

Through-beam sensor

Threaded type

M18 x 1

Quick disconnect

Function check output

gold-plated contacts

Receiver

Sensing range 15m

adjustable

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Type of light

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop

- Switching output [V]

- Function check output [V]

Current rating

- Switching output [mA]

- Function check output [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Monitoring range

Sensing range [m]

Excess gain graphs

DC PNP

10...36 DC

< 24

Infrared light 880 nm

II

yes

light-on / dark-on programmable

< 2.5

< 3.5

200

10

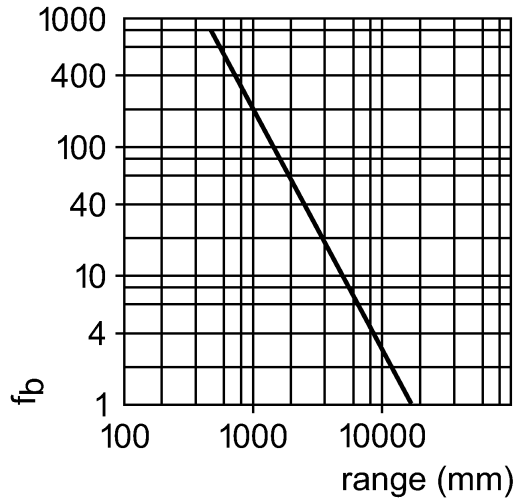
yes (non-latching)

yes

500

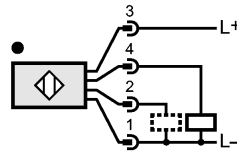
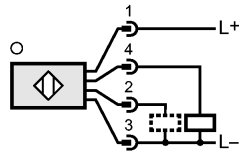
15

OG5043 - Through-beam sensor - eclass: 27270901 / 27-27-09-01



| | |
|-------------------------------|-------------------------------------|
| 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] | 0.043 |
| Displays / operating elements | |
| Output status indication LED | yellow |
| Power LED | green |
| Function display LED | red |
| Electrical connection | |
| Connection | M12 connector; gold-plated contacts |

Wiring



2: function check

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

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — OG5043 — 06.03.2003
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