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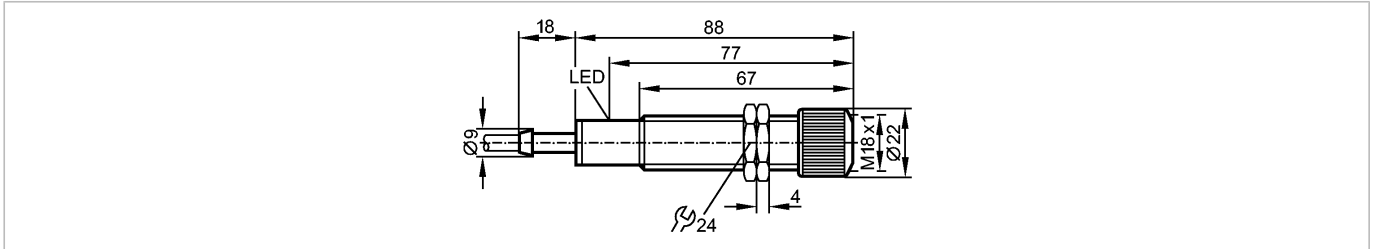
efector200

OG5019



OGF-DPKG

Photoelectric sensors



Product characteristics

Fiber-optic amplifier

Threaded type

M18 x 1

Cable

Sensing range 80mm (Through-beam sensor)

Range 15mm (Diffuse reflection sensor)

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...50 DC

Current consumption [mA]

< 30

Type of light

Infrared light 880 nm

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

dark-on mode

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

160

Monitoring range

Sensing range [m]

0.08 (Through-beam sensor)

Range [mm]

15 (Diffuse reflection sensor)

Environment

Ambient temperature [°C]

-25...80

Protection

IP 65

Tests / approvals

EMC

EN 60947-5-2

EN 55011:

class B

MTTF [Years]

824

Mechanical data

Housing materials

brass nickel-plated

Weight [kg]

0.189

Displays / operating elements

Output status indication LED

yellow

Electrical connection

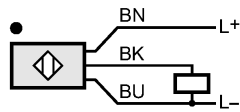
Connection

PVC cable / 2 m; 3 x 0.5 mm²

Wiring

OG5019 - Fiber-optic amplifier - eclass: 27270905 / 27-27-09-05

Core colors
 BN brown
 BU blue
 BK black



Accessories	
Accessories (included)	2 lock nuts; knurled nut
Remarks	
Remarks	When through-beam fibre optics are connected dark-on mode means the output function "NO" and when diffuse reflection fibre optics are connected the output function "NC"
Pack quantity	[piece] 1

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