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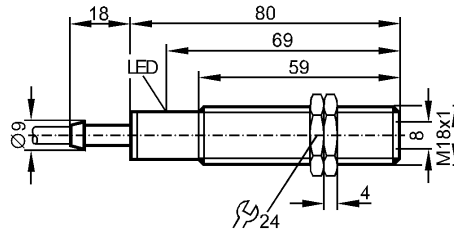
efector200

OG0014



OGT-HBOA/90-250V

Photoelectric sensors



Product characteristics

Diffuse reflection sensor

Threaded type

M18 x 1

Cable

Range 100mm (Range referred to white paper 200 x 200 mm, 90 % remission)

Electrical data

Electrical design

Operating voltage [V]

Type of light

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Minimum load current [mA]

Leakage current [mA]

Current rating

- Current rating (continuous) [mA]

- Current rating (peak) [mA]

Short-circuit protection

Overload protection

Switching frequency [Hz]

Monitoring range

Range [mm]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

Mechanical data

Housing materials

Lens material

Weight [kg]

Displays / operating elements

AC/DC

90...250 AC/DC (47...63 Hz AC)

Infrared light 880 nm

II

no

light-on mode

< 9.5

10

< 5

200 AC / 50 DC

î: 0.9 A (10 ms / 0.5 Hz)

no

no

25 AC, 70 DC

100 (Range referred to white paper 200 x 200 mm, 90 % remission)

-25...80

IP 67

EN 60947-5-2

EN 55011:

class B

brass nickel-plated

glass

0.18

OG0014 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03

Output status indication	LED	yellow
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Electrical connection		
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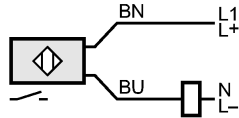
Connection		PVC cable / 2 m; 2 x 0.5 mm ²
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Wiring

Core colors

BN brown

BU blue



Accessories		
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Accessories (included)		2 lock nuts
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Remarks		
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Pack quantity	[piece]	1
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ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — OG0014 — 06.03.2003

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