

1: O-ring



Product characteristics

Inductive sensor

Metal thread 7/16"

Quick disconnect

e1 type approval

Sensing range 1.5 mm; [f] flush mountable

Electrical data

Electrical design

Operating voltage [V]

DC PNP  
10...36 DC; to PELV

Current consumption [mA]

< 15

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

normally open

Voltage drop [V]

< 2.5

Current rating [mA]

100

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

100

Monitoring range

Sensing range [mm]

1.5

Accuracy / deviations

Hysteresis [% of Sr]

1...15

Environment

Operating pressure [MPa]

max. 35

Ambient temperature [°C]

-25...80

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2  
EN 55011:

class B

MTTF [Years]

2503

e1 type approval

directive 2006/28/EG

Mechanical data

Mounting

flush mountable

Max. penetration depth of the piston [mm]

6.8

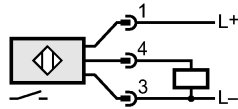
Housing materials

steel (1.7225) chromium-plated (without chromium 6); PBT

# IR5041 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Weight	[kg]	0.053
Displays / operating elements		
Output status indication	LED	yellow (4 x 90°)
Electrical connection		
Connection		M12 connector

## Wiring



## Remarks

Pack quantity	[piece]	1
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