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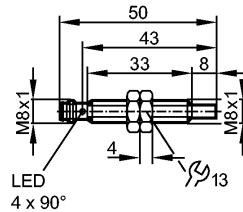
efectorio

IE5361



IEB3004-BPKG/V4A/AS-514-TPS RT

Inductive sensors



Product characteristics

Inductive sensor

Metal thread M8 x 1

Quick disconnect

Sensing range 4 mm; [nf] non-flush mountable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

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]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

300

Monitoring range

Sensing range [mm]

4

Operating distance [mm]

0...3.25

Accuracy / deviations

Correction factors

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3

Hysteresis [% of Sr]

1...20

Environment

Ambient temperature [°C]

-10...60

Protection

IP 67

Tests / approvals

EMC

EN 61000-4-2 ESD: 4 kV CD / 8 kV AD
 EN 61000-4-3 HF radiated: 10 V/m
 EN 61000-4-4 Burst: 2 kV
 EN 61000-4-5 Surge: 0.5 kV (line to line, Ri: 20hm)
 EN 61000-4-6 HF conducted: 10 V
 EN 55011: class B

Mechanical data

Mounting

non-flush mountable

Housing materials

high-grade stainless steel; LCP

Weight [kg]

0.025

Displays / operating elements

Output status indication LED

red (4 x 90°)

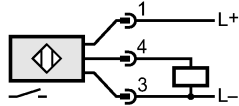
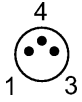
Electrical connection

Connection

M8 connector

IE5361 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Wiring



Accessories

Accessories (included)

2 lock nuts

Remarks

Remarks

IP 65 / III if pushed on, IP 67 / III if screwed on

Pack quantity

[piece]

1

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