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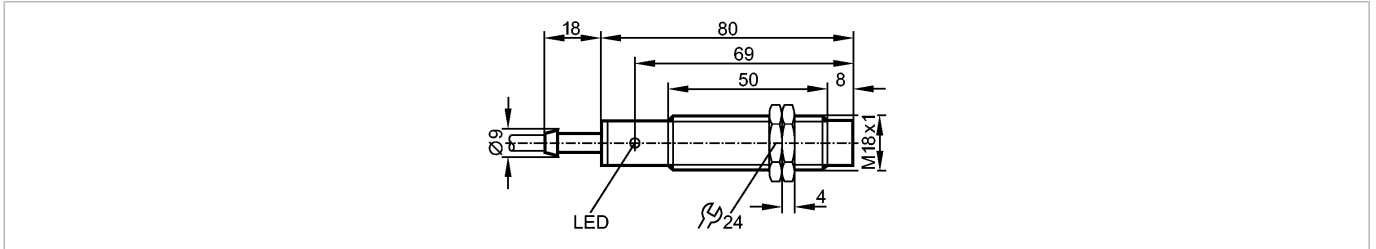
efector100

IG5932



IGA3008-ANKG/0.983M/PH/US100

Inductive sensors



Product characteristics

Inductive sensor

Metal thread M18 x 1

Cable with connector

Sensing range 8 mm; [nf] non-flush mountable

Electrical data

Electrical design

DC NPN

Operating voltage [V]

10...36 DC

Current consumption [mA]

15 (24 V)

Protection class

II

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]

400

Monitoring range

Sensing range [mm]

8

Real sensing range (Sr) [mm]

8 ± 10 %

Operating distance [mm]

0...6.5

Accuracy / deviations

Correction factors

mild steel = 1 / stainless steel approx. 0.8 / brass approx. 0.5 / aluminium approx. 0.47 / Cu approx. 0.4

Hysteresis [% of Sr]

1...15

Switch-point drift [% of Sr]

-10...10

Environment

Ambient temperature [°C]

-25...80

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

Mechanical data

Mounting

non-flush mountable

Housing materials

brass white bronze coated; PPE; active face: PC (polycarbonate)

Weight [kg]

0.152

Displays / operating elements

Output status indication LED

yellow

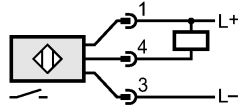
Electrical connection

Connection

PUR cable / 0.983 m; with M12 connector

Wiring

IG5932 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1

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