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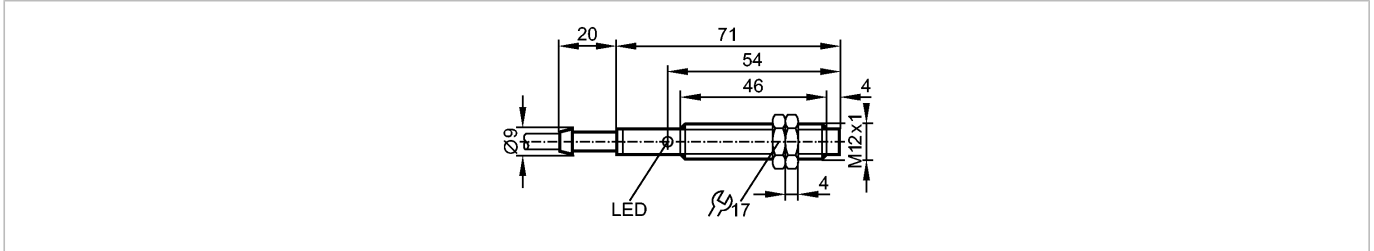
efector100

IF0233



IFA2004-ABOW/V4A RT

Inductive sensors



Product characteristics

Inductive sensor

Metal thread M12 x 1

Cable

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

Electrical data

Electrical design

Operating voltage [V]

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

Sensing range [mm]

Real sensing range (Sr) [mm]

Operating distance [mm]

Accuracy / deviations

Correction factors

Hysteresis [% of Sr]

Switch-point drift [% of Sr]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

Mechanical data

Mounting

Housing materials

Weight [kg]

Displays / operating elements

Output status indication LED

Electrical connection

Connection

AC

20...250 AC (47...63 Hz)

II

no

normally open

< 8.5

8

< 2

200; 250 (...50 °C)

î: 0.9 A (20 ms / 0.5 Hz)

no

no

25

4

4 ± 10 %

0...3.25

mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / aluminium approx. 0.3 / copper approx. 0.2

1...15

-10...10

-25...80

IP 67

EN 60947-5-2

EN 55011: class B

non-flush mountable

stainless steel 316Ti / 1.4571; PBT

0.138

red

PVC cable / 2 m; 2 x 0.5 mm²

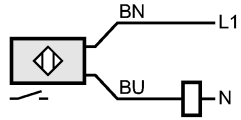
IF0233 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Wiring

Core colors

BN brown

BU blue



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — IF0233 — 06.03.2003
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