

no longer available - archive entry Alternative article: IF7106

When selecting an alternative article and accessories please note that technical data may differ!

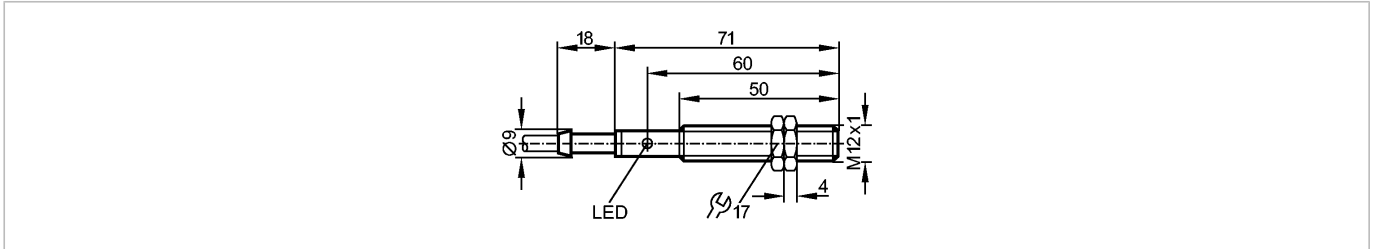
efectorio

IF5860



IFA3002-ANKG RT

Inductive sensors



Product characteristics

Inductive sensor

Metal thread M12 x 1

Cable

Sensing range 2 mm; [f] 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]

800

Monitoring range

Sensing range [mm]

2

Real sensing range (Sr) [mm]

2 ± 10 %

Operating distance [mm]

0...1.6

Accuracy / deviations

Correction factors

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

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

EN 55011:

class B

MTTF [Years]

945

Mechanical data

Mounting

flush mountable

Housing materials

brass white bronze coated; PC (polycarbonate)

Weight [kg]

0.1

Displays / operating elements

Output status indication LED

red

Electrical connection

Connection

PVC cable / 2 m; 3 x 0.34 mm²

Wiring

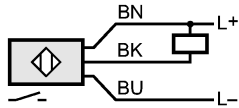
IF5860 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Core colors

BN brown

BU blue

BK black



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 — IF5860 — 06.03.2003

no longer available - archive entryAlternative article: IF7106

When selecting an alternative article and accessories please note that technical data may differ!