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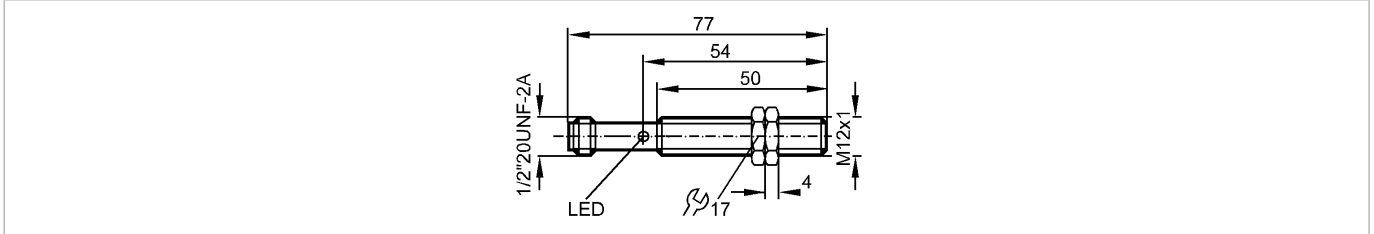
efectorio

IF0284



IFA2002-BBOW/SL/LS-100AK RT

Inductive sensors



Product characteristics

Inductive sensor

Metal thread M12 x 1

Quick disconnect

Sensing range 2 mm; [f] 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 proof

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

MTTF [Years]

Mechanical data

Mounting

Housing materials

Weight [kg]

Displays / operating elements

Output status indication LED

AC

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

I

no

normally closed

< 8.5

8

< 2

250; at -25°C to +50°C, 200mA at +50°C to +80°C

î: 0.9 A (20 ms / 0.5 Hz)

no

no

25

2

2 ± 10 %

0...1.6

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

3...15

-10...10

-25...80

IP 67

EN 60947-5-2

EN 55011:

class B

932

flush mountable

brass white bronze coated; PC (polycarbonate)

0.04

red

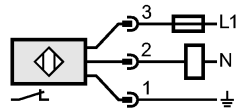
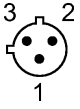
IF0284 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Electrical connection

Connection

1/2" connector

Wiring



Note: miniature fuse to IEC60127-2 sheet 1,
 ≤ 2 A (fast acting)

Accessories

Accessories (included)

2 lock nuts

Remarks

Remarks

Recommendation: check the unit for reliable function after a short circuit.

Pack quantity [piece]

1

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