

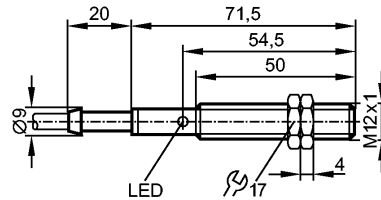
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efector100

IF3502



Inductive sensors



Product characteristics

Inductive sensor

Metal thread M12 x 1

Cable with connector

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 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

Displays / operating elements

Output status indication

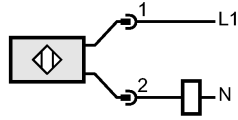
Electrical connection

Connection

Wiring

	AC
	20...250 AC (47...63 Hz)
	II
	no
	normally closed
	< 8.5
	8
	< 1.5
	200; 250 (...50 °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. 0.3 / copper approx. 0.2
	1...15
	-10...10
	-25...80
	IP 67
	EN 60947-5-2
	EN 55011: class B
	flush mountable
	stainless steel 316Ti / 1.4571; PBT (Pocan) uncolored
	red
	PVC cable / 0.6 m; with 1/2" connector

IF3502 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1

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