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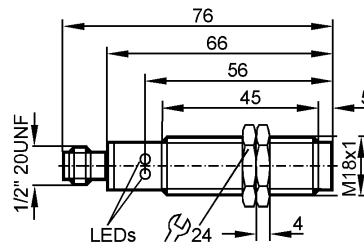
**efector100**

IG0335



IGA2005UARKA/SC/SL/LS-100AK

Inductive sensors



Product characteristics

Inductive sensor

Metal thread M18 x 1

Quick disconnect

Weld field immune

Sensing range 5 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 [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

MTTF [Years]

Mechanical data

AC/DC

20...140 AC/DC (47...63 Hz AC)

I

no

normally open

< 5.5

5.5

< 1.7 (140 V AC/DC)

300 AC / 420 DC

yes (non-latching)

yes

25 AC / 500 DC

5

5 ± 10 %

0...4.05

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

3...15

-10...10

-25...70

IP 67

EN 60947-5-2

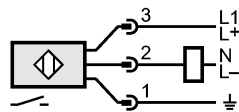
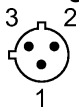
EN 55011: class B

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**IG0335 - Inductive sensor - eclass: 27270101 / 27-27-01-01**

Mounting		flush mountable
Housing materials		brass; active face: PC (polycarbonate); fully PTFE-coated
Weight	[kg]	0.076
Displays / operating elements		
Output status indication	LED	red
Power	LED	green
Function display	LED	green and red flashing alternately (short-circuit)
Electrical connection		
Connection		1/2" connector

**Wiring**



Accessories		
Accessories (included)		2 lock nuts
Remarks		
Pack quantity	[piece]	1

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