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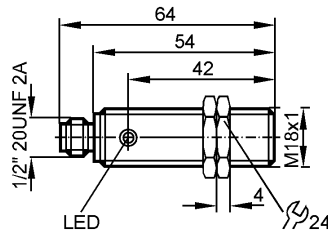
**efector100**

IG0308



IGB2005-ABOW/SL/LS-100AK

Inductive sensors



Product characteristics

Inductive sensor

Metal thread M18 x 1

Quick disconnect

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**

- 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

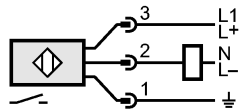
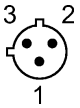
Mechanical data

	AC
	80...140 AC
	II
	no
	normally open
	< 8.5
	5
	< 1.7
	200
	$\hat{i}$ : 0.9 A (20 ms / 0.5 Hz)
	no
	no
	25
	5
	5 ± 10 %
	0...4.05
	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3
	3...15
	-10...10
	-25...80
	IP 67
	EN 60947-5-2
	EN 55011: class B

# IG0308 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Mounting	flush mountable
Housing materials	brass nickel-plated; PBT
Weight [kg]	0.07
Displays / operating elements	
Output status indication LED	red
Electrical connection	
Connection	1/2" connector

## Wiring



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

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