

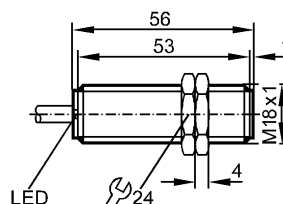


Inductive sensors

IG0374

IGC2012-ABOA
Inductive sensor
Plastic thread M18 x 1
Cable

Sensing range 12 mm [nf]
non-flush mountable



Made in Germany

Electrical design

Output

Operating voltage	[V]
Current rating (continuous)	[mA]
Current rating (peak)	[mA]
Minimum load current	[mA]
Short circuit proof	
Reverse polarity protection	
Overload protection	
Voltage drop	[V]
Leakage current	[mA]
Real sensing range (Sr)	[mm]
Operating distance	[mm]
Switch-point drift	[% of Sr]
Hysteresis	[% of Sr]
Switching frequency	[Hz]
Correction factors	

Ambient temperature	[°C]
Protection	
EMC	

MTTF	[Years]
Housing materials	

Function display	
Switching status	LED

Connection	
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Weight	[kg]
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Remarks	
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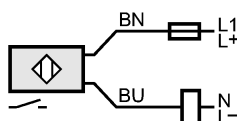
Accessories (included)	
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**AC/DC
normally open**

20...250 AC/DC
350 AC (...50 °C) / 250 AC (...70 °C) / 100 DC
\hat{I} : 2.2 A (20 ms / 0.5 Hz)
5
no
no
no
< AC/DC 6.5
< 2.5
12 ± 10 %
0...9.7
-10...10
3...15
25 AC / 100 DC
mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3
-25...70
IP 67, II
EN 60947-5-2
EN 55011: class B
600
PBT (Pocan)
red
PVC cable / 2 m; 2 x 0.5 mm ²
0.103
Recommendation: check the unit for reliable function after a short circuit.
2 lock nuts

Wiring

Core colors
BN brown
BU blue



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