efectorioo

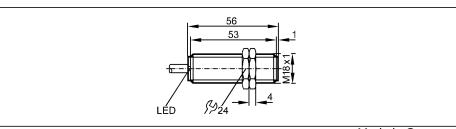


Inductive sensors

IG0374

IGC2012-ABOA Inductive sensor Plastic thread M18 x 1 Cable

Sensing range 12 mm [nf] non-flush mountable



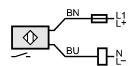


Made in Germany

Compact Comp			
Operating voltage [V] 20250 AC/DC Current rating (continuous) [mA] 350 AC (50 °C) / 250 AC (70 °C) / 100 DC Current rating (peak) [mA] f: 2.2 A (20 ms / 0.5 Hz) Minimum load current [mA] 5 Short circuit proof no no Reverse polarity protection no no Overload protection [mo] 4 AC/DC 6.5 Leakage current [mA] 12 ± 10 % Voltage drop [V] 4 AC/DC 6.5 Leakage current [mA] 0			
Current rating (continuous) [mA] Current rating (peak) [mA] Minimum load current [mA] Short circuit proof 5 Reverse polarity protection no Overload protection no Voltage drop [V] Leakage current [mA] Real sensing range (Sr) [mm] Operating distance [mm] Switch-point drift [% of Sr] Hysteresis [% of Sr] Switching frequency [H2] Correction factors mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3 Ambient temperature [°C] Protection [P 67, II EMC EN 60947-5-2 EN 55011: class B MTTF [Years] Housing materials PBT (Pocan) Function display Switching status LED Connection PVC cable / 2 m; 2 x 0.5 mm² Weight [kg] Recommendation: check the unit for reliable function after a short circuit.	Output		normally open
Current rating (peak) [mA] Minimum load current [mA] Short circuit proof no Reverse polarity protection no Overload protection no Voltage drop [V] Leakage current [mA] Real sensing range (Sr) [mm] Operating distance [mm] Switch-point drift [% of Sr] Hysteresis [% of Sr] Hysteresis [% of Sr] Switching frequency [Hz] Correction factors mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3 Ambient temperature [°C] Protection [P 67, II EN 60947-5-2 EN 60947-5-2 EN 55011: class B MTTF [Years] Housing materials PBT (Pocan) Function display PWC cable / 2 m; 2 x 0.5 mm² Weight [kg] Remarks Recommendation: check the unit for reliable function after a short circuit.	Operating voltage	[V]	20250 AC/DC
Minimum load current [mA] 5 Short circuit proof no Reverse polarity protection no Overload protection no 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 mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. O.4 / copper approx. 0.3 and the properties of the propertie	Current rating (continuous)	[mA]	350 AC (50 °C) / 250 AC (70 °C) / 100 DC
Short circuit proof no no no	Current rating (peak)	[mA]	î: 2.2 A (20 ms / 0.5 Hz)
Reverse polarity protection No	Minimum load current	[mA]	5
Overload protection no 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 [% of Sr] Switching frequency [Hz] Correction factors mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3 Ambient temperature [°C] Protection [P 67, II EMC EN 60947-5-2 EN 55011: class B MTTF [Years] Housing materials PBT (Pocan) Function display PBT (Pocan) Switching status LED Connection PVC cable / 2 m; 2 x 0.5 mm² Weight [kg] Recommendation: check the unit for reliable function after a short circuit.	Short circuit proof		no
Voltage drop [V] < AC/DC 6.5 Leakage current [mA] < 2.5			no
Leakage current [mA] < 2.5	Overload protection		no
Real sensing range (Sr) [mm] 12 ± 10 % Operating distance [mm] 09.7 Switch-point drift [% of Sr] -1010 Hysteresis [% of Sr] 315 Switching frequency [Hz] 25 AC / 100 DC Correction factors mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3 Ambient temperature [°C] -2570 Protection IP 67, II EMC EN 60947-5-2 EN 55011: class B MTTF [Years] 600 Housing materials PBT (Pocan) Function display Function display Switching status LED red Connection PVC cable / 2 m; 2 x 0.5 mm² Weight [kg] Recommendation: check the unit for reliable function after a short circuit.	Voltage drop	[V]	< AC/DC 6.5
Operating distance [mm] 09.7 Switch-point drift [% of Sr] -1010 Hysteresis [% of Sr] 315 Switching frequency [Hz] 25 AC / 100 DC Correction factors mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3 Ambient temperature [°C] -2570 Protection IP 67, II EMC EN 60947-5-2	Leakage current	[mA]	< 2.5
Switch-point drift [% of Sr] Hysteresis [% of Sr] Switching frequency [Hz] Correction factors mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3 Ambient temperature [°C] Protection IP 67, II EMC EN 60947-5-2 EN 55011: class B MTTF [Years] Housing materials PBT (Pocan) Function display PBT (Pocan) Switching status LED Connection PVC cable / 2 m; 2 x 0.5 mm² Weight [kg] Recommendation: check the unit for reliable function after a short circuit.	Real sensing range (Sr)	[mm]	12 ± 10 %
Hysteresis [% of Sr]	Operating distance	[mm]	09.7
Switching frequency [Hz] 25 AC / 100 DC Correction factors mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3 Ambient temperature [°C] -2570 Protection IP 67, II EMC EN 60947-5-2 EN 55011: class B MTTF [Years] 600 Housing materials PBT (Pocan) Function display Switching status LED red Connection PVC cable / 2 m; 2 x 0.5 mm² Weight [kg] Recommendation: check the unit for reliable function after a short circuit.	Switch-point drift	[% of Sr]	-1010
Correction factors mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.5 / aluminium approx. 0.4 / copper approx. 0.3 Ambient temperature [°C]	Hysteresis	[% of Sr]	315
Ambient temperature [°C] Protection EMC EN 60947-5-2 EN 55011: class B MTTF [Years] Housing materials Function display Switching status LED Connection PVC cable / 2 m; 2 x 0.5 mm² Weight Remarks Recommendation: check the unit for reliable function after a short circuit.	Switching frequency	[Hz]	
Ambient temperature [°C] Protection EMC EN 60947-5-2 EN 55011: class B MTTF [Years] Housing materials Function display Switching status Connection PVC cable / 2 m; 2 x 0.5 mm² Weight Remarks Recommendation: check the unit for reliable function after a short circuit.	Correction factors		
Protection EMC EN 60947-5-2 EN 55011: class B MTTF [Years] Housing materials Function display Switching status Connection PVC cable / 2 m; 2 x 0.5 mm² Weight [kg] Remarks Recommendation: check the unit for reliable function after a short circuit.			0.4 / copper approx. 0.3
EMC EN 60947-5-2 EN 55011: class B MTTF [Years] Housing materials Function display Switching status Connection PVC cable / 2 m; 2 x 0.5 mm² Weight Remarks Recommendation: check the unit for reliable function after a short circuit.	·	[°C]	
MTTF [Years] 600 Housing materials PBT (Pocan) Function display Switching status LED red Connection PVC cable / 2 m; 2 x 0.5 mm² Weight [kg] Remarks Recommendation: check the unit for reliable function after a short circuit.			·
MTTF [Years] Housing materials Function display Switching status Connection Weight Remarks [Years] 600 PBT (Pocan) red PVC cable / 2 m; 2 x 0.5 mm² Recommendation: check the unit for reliable function after a short circuit.	EMC		
Housing materials Function display Switching status LED red Connection PVC cable / 2 m; 2 x 0.5 mm² Weight Remarks Recommendation: check the unit for reliable function after a short circuit.			
Function display Switching status LED red Connection PVC cable / 2 m; 2 x 0.5 mm² Weight [kg] Remarks Recommendation: check the unit for reliable function after a short circuit.		[Years]	
Switching status Connection PVC cable / 2 m; 2 x 0.5 mm² Weight Remarks Recommendation: check the unit for reliable function after a short circuit.			PBT (Pocan)
Connection PVC cable / 2 m; 2 x 0.5 mm² Weight [kg] Remarks Recommendation: check the unit for reliable function after a short circuit.		1	
Weight [kg] Remarks Recommendation: check the unit for reliable function after a short circuit.	Switching status	LED	red
Remarks Recommendation: check the unit for reliable function after a short circuit.	Connection		PVC cable / 2 m; 2 x 0.5 mm ²
circuit.	Weight	[kg]	***
Accessories (included) 2 lock nuts	Remarks		
	Accessories (included)		2 lock nuts

Wiring

Core colors BN brown BU blue



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