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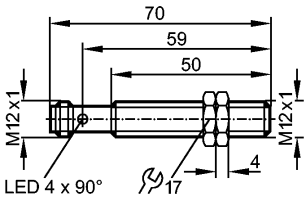
IFC213

IFK3003-APKG/M/US-104-IPO/K0 Inductive sensors



Product characteristics

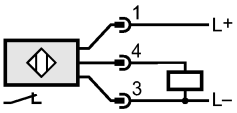
Inductive sensor	
Metal thread M12 x 1	
Quick disconnect	
Ferrous only	
aluminum chip immune	
Increased sensing range	
gold-plated contacts	
Sensing range 3 mm; [f] flush mountable	

Electrical data		
Electrical design		DC PNP
Operating voltage	[V]	10...30 DC; cULus - Class 2 source required
Current consumption	[mA]	< 10
Protection class		III
Reverse polarity protection		yes
Outputs		
Output function		normally closed
Voltage drop	[V]	< 2.5
Leakage current	[mA]	< 0.1
Current rating	[mA]	200
Short-circuit protection		yes (non-latching)
Overload protection		yes
Switching frequency	[Hz]	25
Monitoring range		
Sensing range	[mm]	3
Real sensing range (Sr)	[mm]	3 ± 10 %
Operating distance	[mm]	0...2.4
Environment		
Ambient temperature	[°C]	0...60
Protection		IP 68; "Coolant"
Tests / approvals		
EMC		EN 61000-4-2 ESD: 4 kV CD / 8 kV AD EN 61000-4-3 HF radiated: 10 V/m EN 61000-4-4 Burst: 2 kV EN 61000-4-6 HF conducted: 10 V EN 55011: class B
Mechanical data		
Mounting		flush mountable
Housing materials		brass white bronze coated; active face: stainless steel (303S22)
Weight	[kg]	0.037
Displays / operating elements		
Output status indication	LED	yellow (4 x 90°)
Electrical connection		

IFC213 - Inductive sensor - eclass: 27270101 / 27-27-01-01

Connection	M12 connector; gold-plated contacts

Wiring



Accessories

Accessories (included)	2 lock nuts

Remarks

Pack quantity	[piece]	1

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