

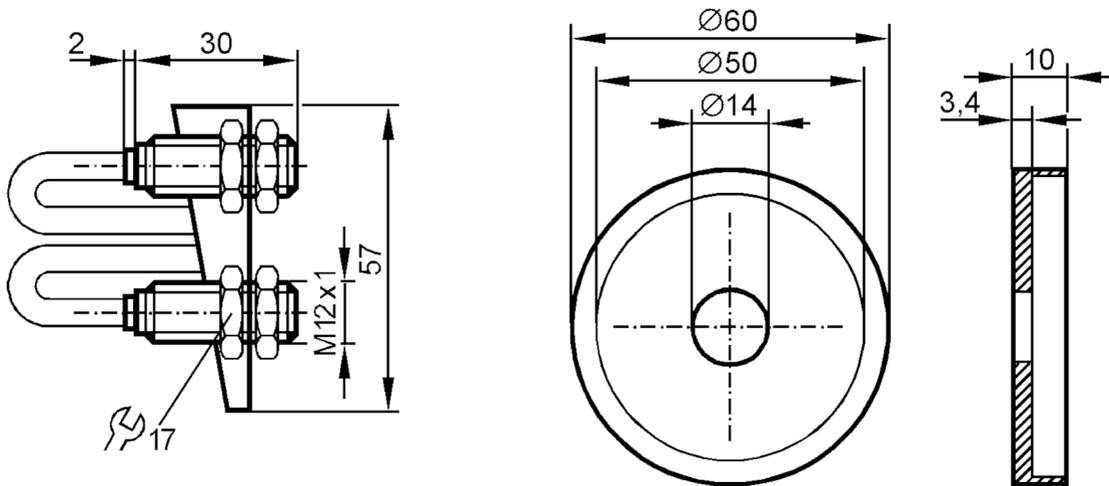
IF7038



Inductive sensor

IF-04-N US-D-L

Article no longer available - archive entry



Product characteristics

Output function		normally closed
Sensing range	[mm]	4
Housing		threaded type
Dimensions	[mm]	M12 x 1

Application

Special feature		Gold-plated contacts
Application		not for use in hazardous areas (not ATEX approved)
Installation		for valves; (76...101,6 (NW 80...100))

Electrical data

Connection to switching amplifiers		yes
Switching amplifiers		connection to switching amplifiers according to EN 60947-5-6
Nominal voltage DC	[V]	8.2; (1k Ω)
Supply voltage DC	[V]	7.5...30
Current consumption	[mA]	undamped: > 2,1; damped: < 1; per sensor
Protection class		II

Outputs

Output function		normally closed
Permanent current rating of switching output DC	[mA]	30; (per sensor)
Switching frequency DC	[Hz]	1500

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Detection zone	
Sensing range [mm]	4
Operating conditions	
Ambient temperature [°C]	-20...70
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
	EN 55011 class B
Mechanical data	
Weight [g]	0.001
Housing	threaded type
Mounting	non-flush mountable
Dimensions [mm]	M12 x 1
Thread designation	M12 x 1
Materials	PBT; Target: stainless steel (304/1.4301)
Accessories	
Items supplied	lock nuts: 2
	Target
Remarks	
Remarks	Note:
	The sensors are adjusted with the enclosed target flag. If an older type of target flag is used, there is a risk of mechanical damage to the sensor if they are not adjusted properly.
Pack quantity	1 pcs.
Electrical connection - plug	
Connector: 1 x M12; coding: A; Contacts: gold-plated	
	

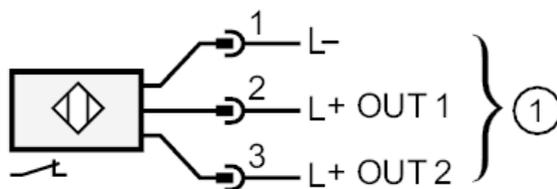
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Connection



1	Connection to switching amplifiers
1-2	High, out1
1-3	Low, out 2