

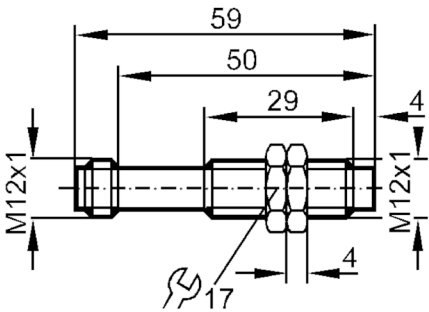
IF5516



Inductive sensor

IFK3004-APOG/V4A/US-100-DPO

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Product characteristics		
Electrical design		PNP
Output function		normally closed
Sensing range	[mm]	4
Housing		Threaded type
Dimensions	[mm]	M12 x 1
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	15; (24 V)
Reverse polarity protection		no
Outputs		
Electrical design		PNP
Output function		normally closed
Max. voltage drop switching output DC	[V]	1
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	300
Short-circuit protection		no
Overload protection		no
Monitoring range		
Sensing range	[mm]	4
Real sensing range Sr	[mm]	4 ± 10 %

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Operating distance	[mm]	0...3.25
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Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2
Hysteresis	[% of Sr]	1...15
Switch-point drift	[% of Sr]	-10...10

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 65

Tests / approvals

EMC	EN 60947-5-2	
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Mechanical data

Housing		Threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M12 x 1
Thread designation		M12 x 1
Material		stainless steel (1.4571/316Ti); PBT

Accessories

Items supplied		lock nuts: 2
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Remarks

Pack quantity		1 pcs.
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Electrical connection - plug

Connector: 1 x M12; coding: A



Connection

