

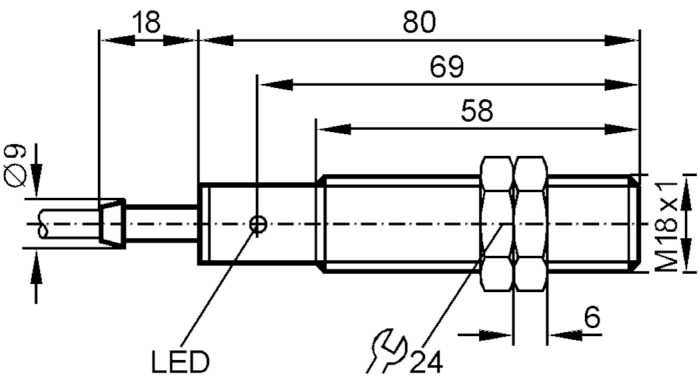


Inductive sensor

IG-3008-APKG

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Alternative articles: IG5349
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics		
Electrical design		PNP
Output function		normally closed
Sensing range	[mm]	8
Housing		threaded type
Dimensions	[mm]	M18 x 1
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15; (24 V)
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		normally closed
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	300
Short-circuit protection		yes



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Type of short-circuit protection	pulsed
Overload protection	yes
Detection zone	
Sensing range [mm]	8
Real sensing range S_r [mm]	$8 \pm 10\%$
Operating distance [mm]	0...6.5
Accuracy / deviations	
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis [% of S_r]	1...15
Switch point drift [% of S_r]	-10...10
Operating conditions	
Ambient temperature [°C]	-25...80
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
	EN 55011 class B
Mechanical data	
Weight [g]	54.5
Housing	threaded type
Mounting	non-flush mountable
Dimensions [mm]	M18 x 1
Thread designation	M18 x 1
Materials	PBT
Displays / operating elements	
Display	switching status 1 x LED, yellow
Accessories	
Items supplied	lock nuts: 2
	rubber washers: 2 x 24 x 18 x 1
Remarks	
Pack quantity	1 pcs.

IG5949



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Electrical connection

Cable: 2 m, PVC; 3 x 0.5 mm²

Connection



BN =	Core colours :
BU =	brown
BK =	blue
	black