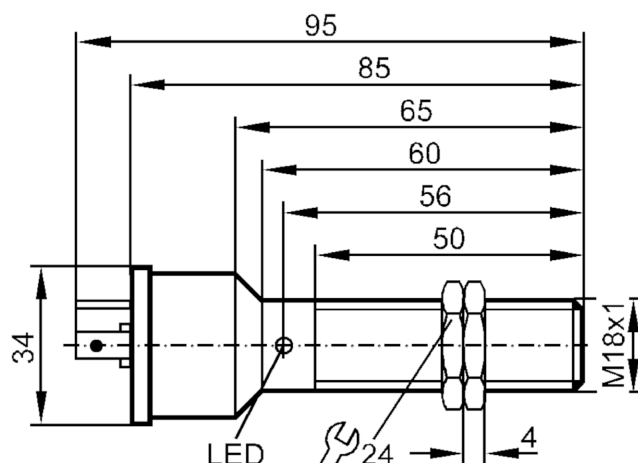




Inductive sensor

IGA3008BFPKG/SS-000-K/400mA



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 open / normally closed; (selectable)
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	400
Switching frequency DC [Hz]	250
Short-circuit protection	yes
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

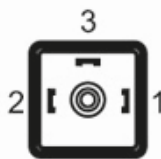
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3
Hysteresis [% of S_r]	3...10
Switch point drift [% of S_r]	-18...18

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Inductive sensor

IGA3008BFPKG/SS-000-KI/400mA

Operating conditions		
Ambient temperature	[°C]	-32...70
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[years]	1283
Mechanical data		
Weight	[g]	88.6
Housing		threaded type
Mounting		flush mountable
Dimensions	[mm]	M18 x 1
Thread designation		M18 x 1
Materials		brass white bronze coated; PC
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Accessories (supplied)		lock nuts: 2
Remarks		
Remarks		normally open/closed programmable by using a jumper
Pack quantity		1 pcs.
Electrical connection - plug		
Connector: 1 x valve plug type A DIN (DIN EN 175301-803)		
		

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Inductive sensor

IGA3008BFPKG/SS-000-K/400mA

Connection

