

IF6022



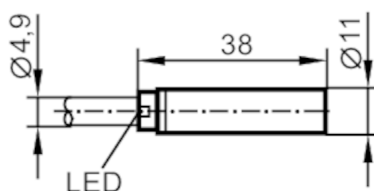
Inductive sensor

IFG3007-ANOG/1M

Article no longer available - archive entry

Alternative articles: IF6019

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	NPN
Output function	normally open
Sensing range [mm]	7
Housing	cylindrical
Dimensions [mm]	Ø 11 / L = 38

Electrical data

Operating voltage [V]	4.75...5.5 DC
Current consumption [mA]	< 15
Protection class	III
Reverse polarity protection	no

Outputs

Electrical design	NPN
Output function	normally open
Max. voltage drop switching output DC [V]	1
Permanent current rating of switching output DC [mA]	50
Switching frequency DC [Hz]	400
Short-circuit protection	no
Overload protection	no

Detection zone

Sensing range [mm]	7
Real sensing range Sr [mm]	7 ± 10 %
Operating distance [mm]	0...5.7

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.5 / aluminium: 0.4 / copper: 0.3
Hysteresis [% of Sr]	1...15
Switch point drift [% of Sr]	-10...10

Operating conditions

Ambient temperature [°C]	-25...80
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Protection	IP 67
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Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Housing	cylindrical
Mounting	non-flush mountable
Dimensions [mm]	Ø 11 / L = 38
Materials	PBT

Displays / operating elements

Display	switching status	1 x LED, yellow
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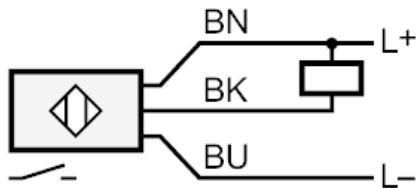
Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 1 m, PVC; 3 x 0.34 mm²

Connection



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