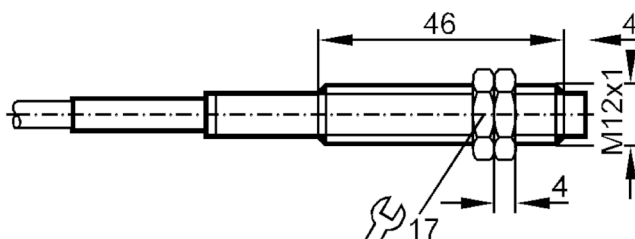


Inductive sensor

IFA3004-ANOG/10m

Article no longer available - archive entry



Product characteristics

Electrical design	NPN
Output function	normally open
Sensing range [mm]	4
Housing	Threaded type
Dimensions [mm]	M12 x 1

Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	7; (24 V)
Protection class	II
Reverse polarity protection	no

Outputs

Electrical design	NPN
Output function	normally open
Max. voltage drop switching output DC [V]	1.5
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 %
Operating distance [mm]	0...3.25

IF5064



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Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.4 / copper: 0.3
Hysteresis	[% of Sr]	3...15
Switch-point drift	[% of Sr]	-10...10

Operating conditions

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

Mechanical data

Housing		Threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M12 x 1
Thread designation		M12 x 1
Material		brass nickel-plated; PBT

Accessories

Items supplied		lock nuts: 2
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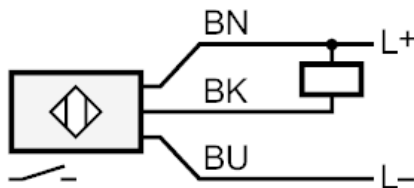
Remarks

Pack quantity		1 pcs.
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Electrical connection

Cable: 10 m, PVC; 3 x 0.34 mm²

Connection



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