



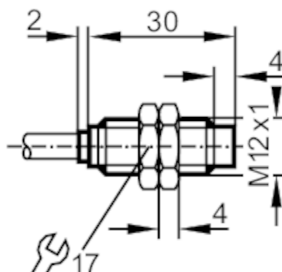
## Inductive NAMUR sensor

IFA2004-N/Sonderkabel

Article no longer available - archive entry

Alternative articles: NF5008

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



## Product characteristics

Output function	normally closed
Sensing range [mm]	4
Housing	Threaded type
Dimensions [mm]	M12 x 1 / L = 30

## Electrical data

Connection at circuit amplifier	yes
Switching amplifiers	connection to switching amplifiers NV0100, NV0200 or other approved switching amplifiers with the max. values: U = 15 V / I = 50 mA / P = 180 mW
Nominal voltage DC [V]	8.2; (1k $\Omega$ )
Supply voltage DC [V]	5...25
Current consumption [mA]	< 1; (disabled; conductive: > 2,1)

## Outputs

Output function	normally closed
Max. cable resistance [ $\Omega$ ]	50
Switching frequency DC [Hz]	400

## Monitoring range

Sensing range [mm]	4
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## Operating conditions

Ambient temperature [°C]	-20...70
Protection	IP 67

## Tests / approvals

Shock/vibration resistance	30 g (11 ms) / 10-55 Hz (1 mm)
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## Safety classification

Max. internal capacitance [nF]	230
Max. internal inductance [ $\mu$ H]	120

## Mechanical data

Housing	Threaded type
Mounting	non-flush mountable

# NF5024



## Inductive NAMUR sensor

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Dimensions	[mm]	M12 x 1 / L = 30
Thread designation		M12 x 1
Material		brass nickel-plated; PBT

### Accessories

Items supplied	lock nuts: 2
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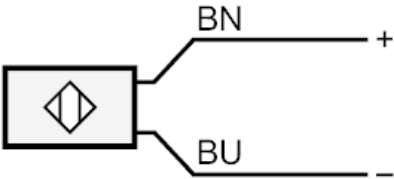
### Remarks

Pack quantity	1 pcs.
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### Electrical connection

Cable: 2 m, PUR; 2 x 0.14 mm<sup>2</sup>

### Connection



BN = Core colors :  
brown  
BU = blue