

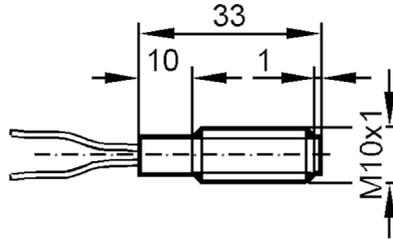
# N95004



## Induktiver NAMUR-Sensor

I9-2003-N/M10X1/0,5M

Article no longer available - archive entry



### Product characteristics

Electrical design	NAMUR
Output function	normally closed
Housing	Threaded type
Dimensions [mm]	M10 x 1 / L = 33

### Application

Application	Ambient pressure max. 100 bar
Installation	installation on aluminium measuring wheel; (DN80)
Pressure rating [bar]	100

### Electrical data

Connection at circuit amplifier	yes
Switching amplifiers	connection to certified intrinsically safe circuits with the max. values: U = 15 V / I = 50 mA / P = 120 mW
Nominal voltage DC [V]	8.2; (1k $\Omega$ )
Supply voltage DC [V]	7.5...30
Current consumption [mA]	< 1; (disabled; conductive: > 2,1)
Protection class	III

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## Induktiver NAMUR-Sensor

I9-2003-N/M10X1/0,5M

Outputs	
Electrical design	NAMUR
Output function	normally closed
Permanent current rating of switching output DC [mA]	30
Switching frequency DC [Hz]	2000
Notes on switching frequency [Hz]	on the aluminium measuring wheel
Accuracy / deviations	
Hysteresis [% of Sr]	1...15
Operating conditions	
Ambient temperature [°C]	-20...60
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-6
Shock/vibration resistance	30 g (11 ms) / 10-55 Hz (1 mm)
Safety classification	
Max. internal capacitance [nF]	90
Max. internal inductance [µH]	100
Mechanical data	
Weight [g]	24.8
Housing	Threaded type
Mounting	non-flush mountable
Dimensions [mm]	M10 x 1 / L = 33
Thread designation	M10 x 1
Material	brass special coating; sensing face: LCP
Remarks	
Pack quantity	1 pcs.

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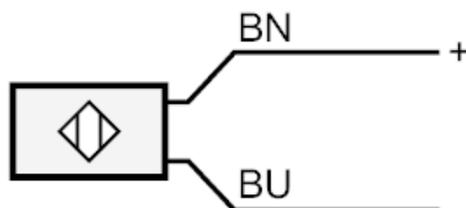
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### Electrical connection

Cable: 0.5 m; 2 x 0.14 mm<sup>2</sup>, PVC

### Connection



Core colors :

BN =

brown

BU =

blue