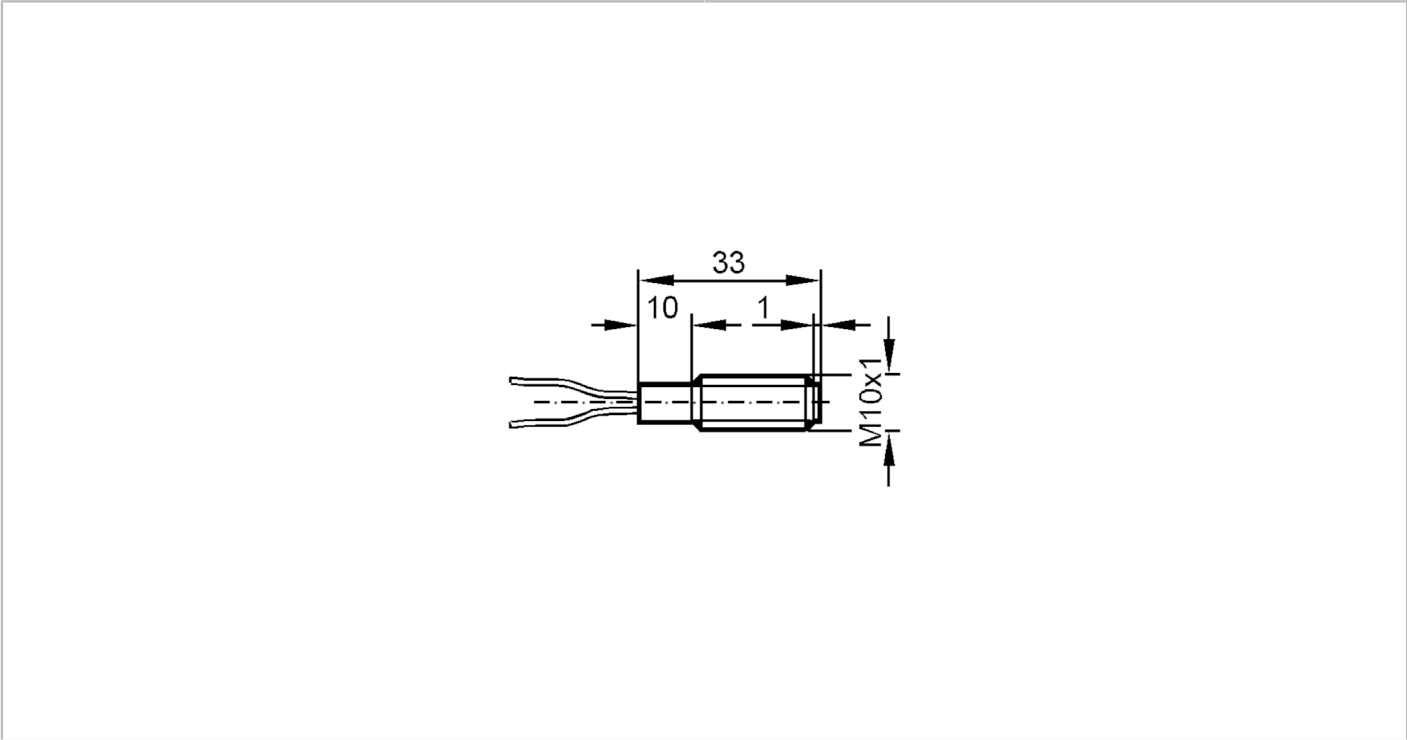




Induktiver NAMUR-Sensor

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; (1kΩ)
Supply voltage DC [V]	7.5...30
Current consumption [mA]	< 1; (disabled; conductive: > 2,1)
Protection class	III
Outputs	
Electrical design	NAMUR
Output function	normally closed
Permanent current rating of switching output DC [mA]	30

# N95004



## Induktiver NAMUR-Sensor

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

Switching frequency DC	[Hz]	2000
Notes on switching frequency	[Hz]	on the aluminium measuring wheel

### Accuracy / deviations

Hysteresis	[% of Sr]	1...15
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### 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

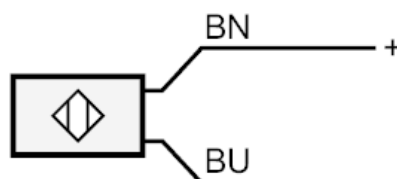
### Remarks

Pack quantity		1 pcs.
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### Electrical connection

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

### Connection



BN = Core colors :  
brown  
BU = blue