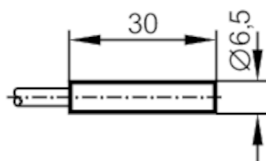




## Induktiver NAMUR-Sensor

ITA21,5-N

Article no longer available - archive entry



## Product characteristics

|                    |                 |
|--------------------|-----------------|
| Electrical design  | NAMUR           |
| Output function    | normally closed |
| Sensing range [mm] | 1.5             |
| Housing            | cylindrical     |
| Dimensions [mm]    | Ø 6.5 / L = 30  |

## Electrical data

|                                    |                                                                                                                                                                         |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connection to switching amplifiers | yes                                                                                                                                                                     |
| Switching amplifiers               | connection to switching amplifiers NV0100, NV0200 or other approved switching amplifiers with the max. values: U = 16 V / I = 50 mA / P = 180 mW (T5) / P = 123 mW (T6) |
| Nominal voltage DC [V]             | 8.2; (1kΩ)                                                                                                                                                              |
| Supply voltage DC [V]              | 5...25                                                                                                                                                                  |
| Current consumption [mA]           | < 1; (disabled; conductive: > 2,1)                                                                                                                                      |

## Outputs

|                             |                 |
|-----------------------------|-----------------|
| Electrical design           | NAMUR           |
| Output function             | normally closed |
| Max. cable resistance [Ω]   | 50              |
| Switching frequency DC [Hz] | 1000            |

## Detection zone

|                    |     |
|--------------------|-----|
| Sensing range [mm] | 1.5 |
|--------------------|-----|

## Operating conditions

|                          |        |
|--------------------------|--------|
| Ambient temperature [°C] | 0...60 |
| Protection               | IP 67  |

## Tests / approvals

|                            |                                                                        |
|----------------------------|------------------------------------------------------------------------|
| Approval                   | PTB-Zulassungs-Nr. Ex-00.E.2013; Gerätekennzeichnung: EEx ia IIC T5/T6 |
| Shock/vibration resistance | 30 g (11 ms) / 10-55 Hz (1 mm)                                         |

## Safety classification

|                                |     |
|--------------------------------|-----|
| Max. internal capacitance [nF] | 80  |
| Max. internal inductance [μH]  | 110 |

## Mechanical data

|          |                 |
|----------|-----------------|
| Housing  | cylindrical     |
| Mounting | flush mountable |

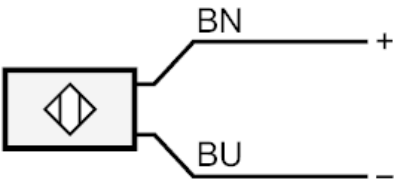
# NT5010



## Induktiver NAMUR-Sensor

ITA21,5-N

|                               |                          |                |
|-------------------------------|--------------------------|----------------|
| Dimensions                    | [mm]                     | Ø 6.5 / L = 30 |
| Materials                     | brass nickel-plated; PBT |                |
| Remarks                       |                          |                |
| Pack quantity                 | 1 pcs.                   |                |
| Electrical connection         |                          |                |
| Cable: 2 m, PVC; 2 x 0.14 mm² |                          |                |
| Connection                    |                          |                |



BN = Core colours :  
brown  
BU = blue