

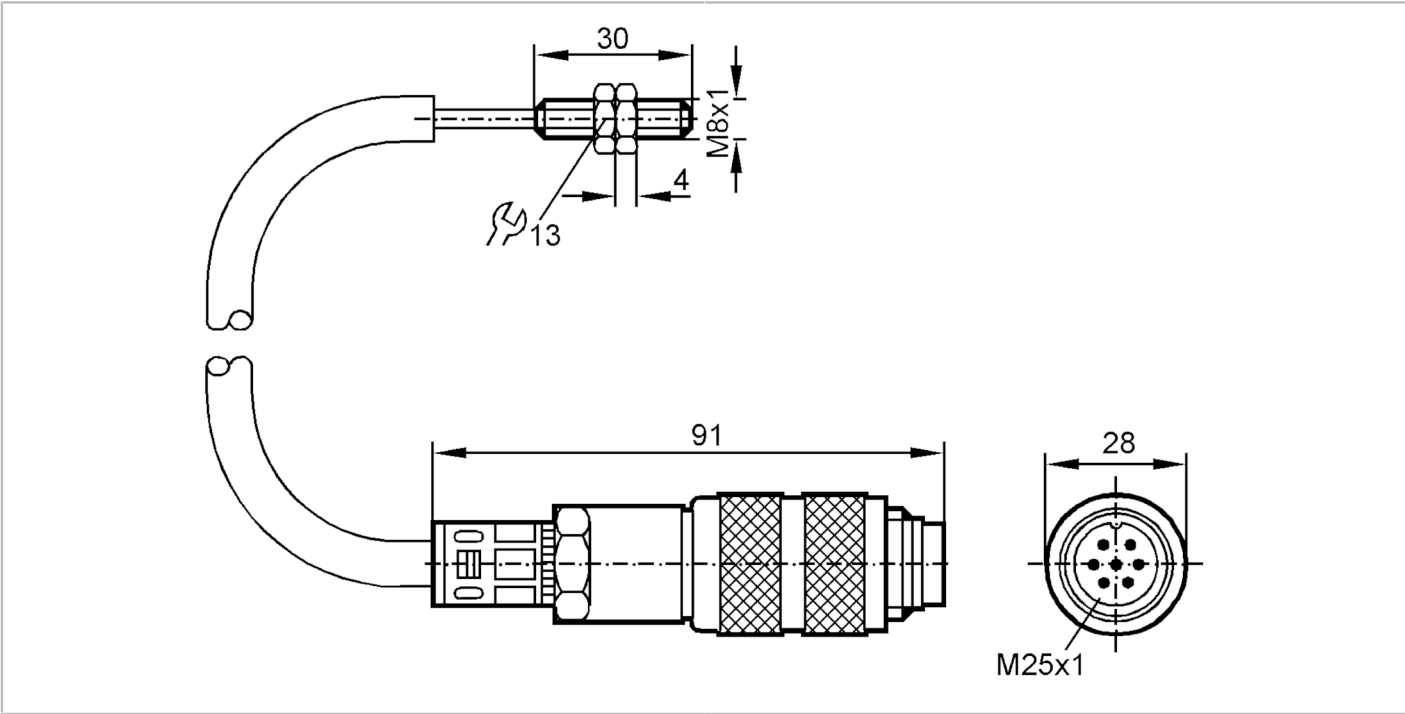


Inductive NAMUR sensor

IEA2001-N/Sonderkonfektion

Article no longer available - archive entry

Alternative articles: NE5001  
When selecting an alternative article and accessories please note that technical data may differ!

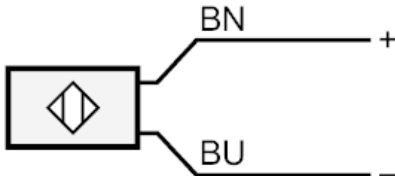


| Product characteristics |      |                                    |
|-------------------------|------|------------------------------------|
| Output function         |      | normally closed                    |
| Sensing range           | [mm] | 1                                  |
| Housing                 |      | threaded type                      |
| Dimensions              | [mm] | M8 x 1                             |
| Electrical data         |      |                                    |
| Nominal voltage DC      | [V]  | 8.2; (1kΩ)                         |
| Supply voltage DC       | [V]  | 5...25                             |
| Current consumption     | [mA] | < 1; (disabled; conductive: > 2,1) |
| Outputs                 |      |                                    |
| Output function         |      | normally closed                    |
| Max. cable resistance   | [Ω]  | 50                                 |
| Switching frequency DC  | [Hz] | 2000                               |
| Detection zone          |      |                                    |
| Sensing range           | [mm] | 1                                  |
| Operating conditions    |      |                                    |
| Ambient temperature     | [°C] | -20...70                           |
| Protection              |      | IP 67                              |



## Inductive NAMUR sensor

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| Tests / approvals                                                                    |                                |
|--------------------------------------------------------------------------------------|--------------------------------|
| 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                                                                              | threaded type                  |
| Mounting                                                                             | flush mountable                |
| Dimensions [mm]                                                                      | M8 x 1                         |
| Thread designation                                                                   | M8 x 1                         |
| Materials                                                                            | brass nickel-plated; PBT       |
| Accessories                                                                          |                                |
| Items supplied                                                                       | lock nuts: 2                   |
| Remarks                                                                              |                                |
| Pack quantity                                                                        | 1 pcs.                         |
| Electrical connection                                                                |                                |
| Cable: 2 m, PVC; 2 x 0.14 mm <sup>2</sup>                                            |                                |
| Connection                                                                           |                                |
|  |                                |
| BN =                                                                                 | Core colours :<br>brown        |
| BU =                                                                                 | blue                           |
| Connector: 1 x M25                                                                   |                                |