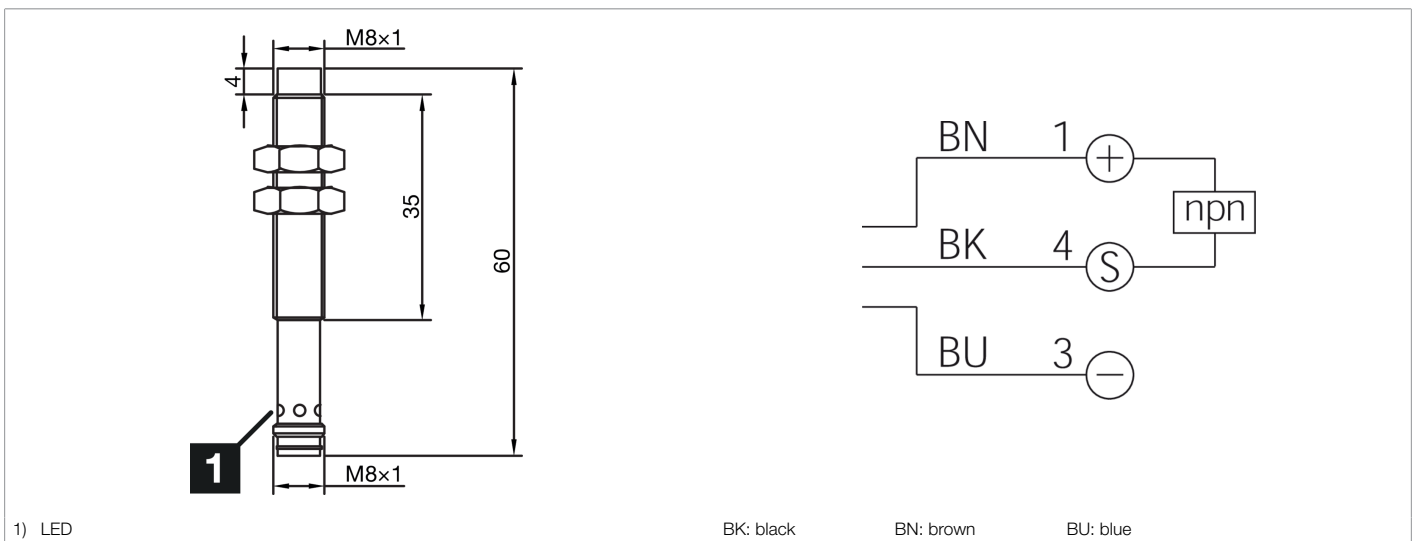




**213148**  
**INS-M08-N02NS-T3**  
**Inductive proximity sensor**

- Single switching distance
- Metal connector M8
- Short-circuit protection
- LED switching status display
- High protection type



| Function |  |  |  |  |  |  |  |  |  |  |   |
|----------|--|--|--|--|--|--|--|--|--|--|---|
|          |  |  |  |  |  |  |  |  |  |  |   |

| Technical data (typ.)        | +20°C, 24 V DC                           |
|------------------------------|--|
| Service voltage              | 10 ... 30 V DC                           |
| Internal power consumption   | 10 mA                                    |
| Insulation voltage endurance | < 500 V DC                               |
| Installation type            | non-flush                                |
| Thread                       | M8 x 1                                   |
| Housing length               | 60 mm                                    |
| Housing material             | Stainless steel (V2A)                    |
| Protection class             | III, operation on protective low voltage |
| Operating principle          | inductive                                |
| Evaluation                   | digital                                  |
| Design                       | Thread                                   |
| Characteristics              | Single switching distance                |
| Product series               | INS-100 Standard                         |
| Switching output             | npn, 200 mA, NO                          |
| Voltage drop (max.)          | 1.5 V DC                                 |
| Switching distance (SN)      | 2 mm                                     |
| Standardized measuring plate | 8 x 8 x 1 mm                             |
| Switching hysteresis (max.)  | < 10 %                                   |
| LED Anzeige                  | Yes                                      |
| Switching frequency          | 1000 Hz                                  |



213148

INS-M08-N02NS-T3

Inductive proximity sensor

**Technical data (typ.)**

**+20°C, 24 V DC**

Ambient temperature during operation

-25 ... +70 °C

Protection type

IP 67

Connection

Connector, M8, 3-pin, A-coded

**More information / accessories**

<https://www.di-soric.com/213148>