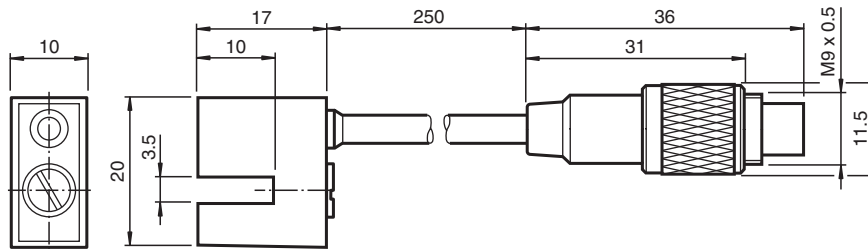


# Inductive slot sensor GT3,51 50.000/0400

- 3.5 mm slot width



## Dimensions



## Technical Data

### General specifications

|                              |                    |
|------------------------------|--------------------|
| Switching function           | Normally open (NO) |
| Output type                  | PNP                |
| Slot width                   | 3.5 mm             |
| Depth of immersion (lateral) | 4 ... 6 typ. 6 mm  |
| Output polarity              | DC                 |
| Output type                  | 3-wire             |

### Nominal ratings

|                             |       |                            |
|-----------------------------|-------|----------------------------|
| Operating voltage           | $U_B$ | 6 ... 30 V                 |
| Switching frequency         | $f$   | 0 ... 2000 Hz              |
| Hysteresis                  | $H$   | 0.15 ... 0.6 mm            |
| Reverse polarity protection |       | reverse polarity protected |
| Short-circuit protection    |       | yes                        |
| Voltage drop                | $U_d$ | $\leq 3$ V                 |
| Operating current           | $I_L$ | 0 ... 100 mA               |
| No-load supply current      | $I_0$ | $\leq 15$ mA               |

### Compliance with standards and directives

|                     |                  |
|---------------------|------------------|
| Standard conformity |                  |
| Standards           | EN IEC 60947-5-2 |

### Approvals and certificates

|              |  |
|--------------|--|
| CCC approval | CCC approval / marking not required for products rated $\leq 36$ V |
|--------------|--|

### Ambient conditions

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -25 ... 70 °C (-13 ... 158 °F) |
|---------------------|--------------------------------|

Release date: 2024-05-28 Date of issue: 2024-06-07 Filename: 416227\_eng.pdf

## Technical Data

### Mechanical specifications

|                      |        |
|----------------------|--------|
| Housing material     | PA 6.6 |
| Degree of protection | IP67   |
| Mass                 | 18 g   |
| Dimensions           |        |
| Height               | 17 mm  |
| Width                | 10 mm  |
| Length               | 20 mm  |

## Connection

