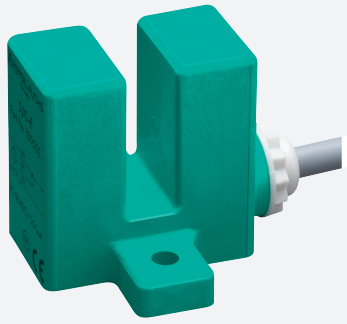
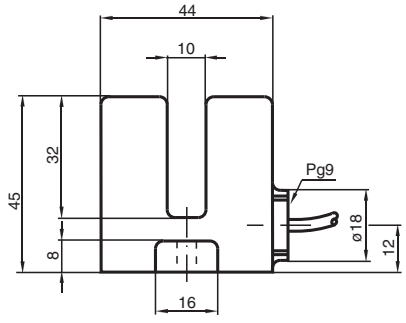


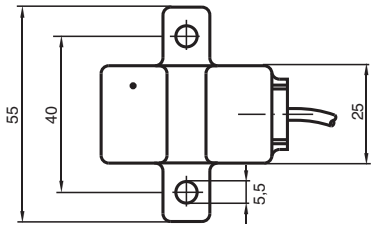
# Inductive slot sensor

## SJ10-E2

- 10 mm slot width
- 3-wire DC

## Dimensions




## Technical Data

| | | |
|---|---|---|
| **General specifications** | | |
| Switching function | | Normally open (NO) |
| Output type | | PNP |
| Slot width | | 10 mm |
| Depth of immersion (lateral) | | 13.5 ... 16.5 mm |
| Output polarity | | DC |
| **Nominal ratings** | | |
| Operating voltage | $U_B$ | 10 ... 30 V DC |
| Switching frequency | f | 0 ... 1000 Hz |
| Hysteresis | H | typ. 5% |
| Reverse polarity protection | | reverse polarity protected |
| Short-circuit protection | | pulsing |
| Voltage drop | $U_d$ | ≤ 3 V |

Release date: 2020-03-20 Date of issue: 2020-03-30 Filename: 015051_eng.pdf

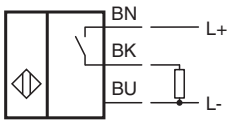


ПРОМЭЛЕКТРОНИКА / sales@prom-elec.com

## Technical Data

| | | |
|---|---|---|
| Operating current | $I_L$ | 0 ... 200 mA |
| No-load supply current | $I_0$ | ≤ 15 mA |
| **Compliance with standards and directives** | | |
| Standard conformity | | |
| Standards | | EN 60947-5-2:2007<br>IEC 60947-5-2:2007 |
| **Approvals and certificates** | | |
| UL approval | | cULus Listed, General Purpose |
| CSA approval | | cCSAus Listed, General Purpose |
| CCC approval | | CCC approval / marking not required for products rated ≤36 V |
| **Ambient conditions** | | |
| Ambient temperature | | -25 ... 70 °C (-13 ... 158 °F) |
| **Mechanical specifications** | | |
| Connection type | | cable PVC , 2 m |
| Core cross-section | | 0.75 $mm^2$ |
| Housing material | | PBT |
| Degree of protection | | IP67 |

## Connection




Release date: 2020-03-20 Date of issue: 2020-03-30 Filename: 015051_eng.pdf