

- High temperature range -10 °C ...+250 °C

Technical data

Nominal sensing distance : 50 mm, non-flush mounting

Free zone: 100 mm

Real sensing distance : $S_n \pm 15\%$ over the entire temperature range

Standard calibrating plate: 80 mm x 80 mm St37

Output type: PNP, NO

Operating voltage: 10...35 VDC

Temperature range : -10 °C...+250 °C

Load current: 150 mA

Output: short circuit- and reverse polarity protection

Temperature range amplifier: -10 °C...70 °C

Protection class: IP 65

Current consumption: ca. 3 mA

Voltage drop: ~1V

Switching hysteresis: 3 %... 5 %

Switching mode display: LED at the amplifier

Switchable capability: max. 100 nF

Load resistance: 100 K Ohm, integrated on amplifier

PTFE-cable at the sensor output, **PUR-cable** at the amplifier

Switching frequency: 50 Hz

Housing: stainless steel 1.4305

Front cap: PEEK

Between sensor head and amplifier any cable length possible, standard 2 m

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