



ND1K0.520.2FW.B.007

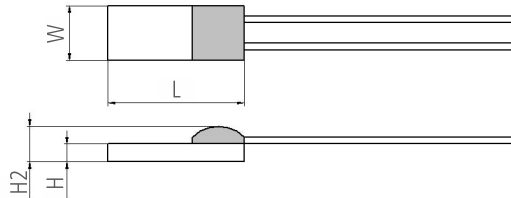
Nickel sensor with wires

For medium temperatures

Benefits & Characteristics

- Excellent long-term stability
- Connections remain in shape
- Easy interchangeability
- Simple linearization
- Vibration and temperature shock resistant

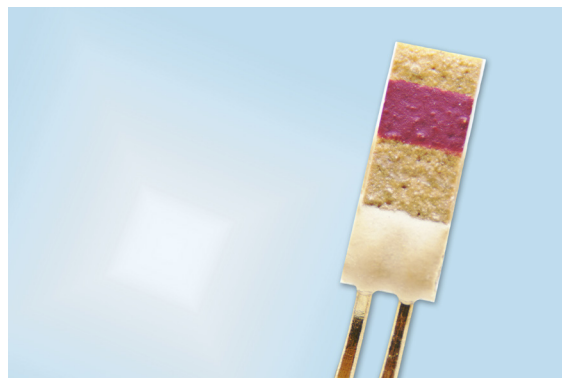
Illustration¹⁾



Technical Data

| | | |
|---|--|-----------------------|
| Operating temperature range: | -60 °C to +200 °C | |
| Nominal resistance: | 1000 Ω at 0 °C | |
| Characteristics curve: | 6180 ppm/K (Nickel ND) | |
| Long-term stability: | < 0.1 % at 1000 h at maximal operating temperature | |
| Tolerance class (dependent on temperature range): | $T > 0\text{ °C}$ $0.4 + 0.007 \times t $ | IST AG reference B |
| Connection: | Ni/Au-flat wire, 0.2 x 0.4 mm (solderable, weldable, crimpable), 7 mm long | |
| Dimensions: | 5.0 x 2.0 x 0.65 / 1.3 | |
| Tolerance (chip): | L ±0.2 mm, W ±0.2 mm, H ±0.1 mm, H2 ±0.3 mm | |

Product Photo





Order Information

| | | |
|---------------------|--------------|------------------------|
| Description: | Item number: | Former main reference: |
| ND1K0.520.2FW.B.007 | 103172 | 020.00348 |

Additional Documents

| | |
|-------------------|----------------|
| Application Note: | Document name: |
| | ATN_E |

