Nickel temperature sensor 1000 Ω with flat wires



Ni 1000 Ω -60°C to +200 °C, 5 x 2 mm, class B, 7 mm Au-coated Ni flat wires

Nickel temperature sensor 1000 Ohm with TCR 6180 ppm/K with gold coated nickel flat wires offer excellent long term stability and simple linearization. Their directly welded wires make it very robust and vibration and shock resistant.

Product Name: ND1K0.520.2FW.B.007
Nennwiderstand: 1000 Ω at 0 °C
Betriebstemperaturbereich: -60 °C to +200 °C
Temperaturkoeffizient: Ni 6180 ppm/K
Chipgrösse/Abmessungen: 5.0 x 2.0 x 1.3 mm
Toleranzklasse: DIN 43760
Anschluss: Au-coated Ni flat wire, 0.2 x 0.4 mm (only < 600°C)
Drahtlänge: 7 mm

Product Old code: 020.00348
Product code: 103172

Product details

Nickel sensors

Our nickel temperature sensors provide solutions for precise temperature measurement applications. The sensors operate within a temperature range of -60 °C to +300 °C and are available with various TCRs such as 6180 ppm/K (Nickel ND), 5000 ppm/K (Nickel NL), 6370 ppm/K (Nickel NJ), 6720 ppm/K (Nickel NA) and different Balco polynomials.

IST AG Ni temperature sensors are available in SMD and wired configurations, and in sizes ranging from 2 mm (L) x 1.2 mm (W) to 10 mm (L) x 5 mm (W). Standard sensors can be customized to fit application-specific requirements with a variety of wire material, length, nominal resistance, TCR value, tolerance class and configurations.

Quality

Consistent with the well-known, high-quality standards in Switzerland, IST AG is certified according to ISO 9001:2015 (quality) and ISO 14001:2015 (environment). Appropriate processes are part of our daily work. They are regularly audited and extended parallel to the growth of our company.

> Read more

The online shop

Quantity (pieces)	Price (per piece)
10-49	CHF 3.50
50-99	CHF 2.75
100-150	CHF 2.45

Lager: **200**