

physical. chemical. biological.













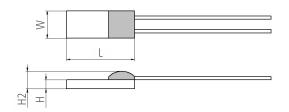
Nickel sensor with wires For medium temperatures

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 °C 0.4 + 0.007 x 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



ND1K0.520.2FW.B.007 1/2









Order Information



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



Additional Documents



Document name: Application Note: ATN_E



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