



NL1K0.520.2FW.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

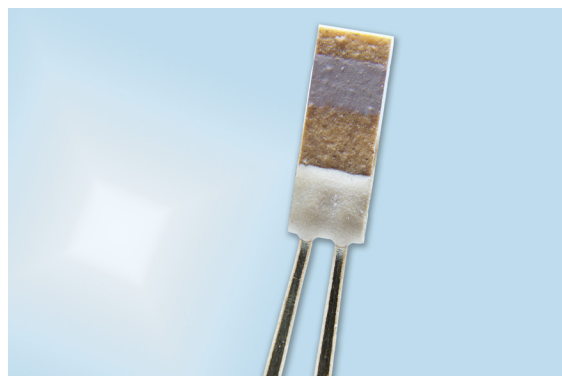
Illustration¹⁾



Technical Data

Operating temperature range:	-60 °C to +200 °C	
Nominal resistance:	1000 Ω at 0 °C	
Characteristics curve:	5000 ppm/K (Nickel NL)	
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





Order Information

Description:	Item number:	Former main reference:
NL1K0.520.2FW.B.007	103174	020.00350

Additional Documents

Application Note:	Document name:
	ATN_E

