

JUMO PCA "economic"

Platinum-chip temperature sensor with nickel connection wire according to DIN EN 60751



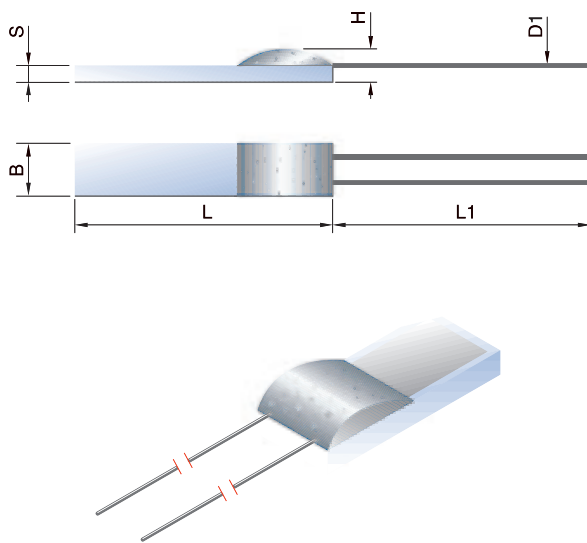
Remarkably efficient

- Covering layer specially resistant to environmental influences
- Bright metal wires
- Reproducible contact
- Resealable packaging
- RoHS-compliant
- REACH-compliant

Type 906121



Design type PCA/E



Brief information

A platinum temperature sensor from JUMO has just been placed on the market. It is equipped with bright metal nickel connection wires produced by a special manufacturing process. This ensures reproducible sensor contact. The nickel wire can be used with the usual connection methods and is therefore suitable for numerous applications. Costs were reduced by optimizing the choice of materials and manufacturing technology, creating a price advantage that is passed on directly to the customer.

The temperature sensor with dimensions 2 mm x 5 mm (width x length) is available with the usual nominal values and tolerances. In this size, as a Pt100, it is designated PCA 1.2005.1 E. Other sizes will be available soon. The new sensor can be used continuously in a temperature range from -70 to +500 °C, and even briefly at up to +550 °C.

Technical data

Type 906121

Features	Attractive price and functionality
Application ranges	Measurement and control systems, heating, air conditioning and ventilation, vehicle manufacturing, medical technology and apparatus manufacturing
Wires	D1: Ni 0,25 mm L1: length 10 mm to max. 75 mm, special wire lengths on request, bright metal wires
Operating temperature	-70 to +500 °C Briefly up to 550 °C
Processing	Crimping, splicing, laser or resistance welding, hard-soldering, soft-soldering with special fluxing agents
Sizes	W x L x H 1.5 x 2.5 x 1.0 mm 1.5 x 5 x 1.0 mm 2 x 2.5 x 1.3 mm 2 x 5 mm 1.3 mm others on request
Nominal values	Pt100 Pt200 Pt1000 others on request
Tolerance classes	F 0.1, F 0.15, F 0.3, F 0.6 others on request