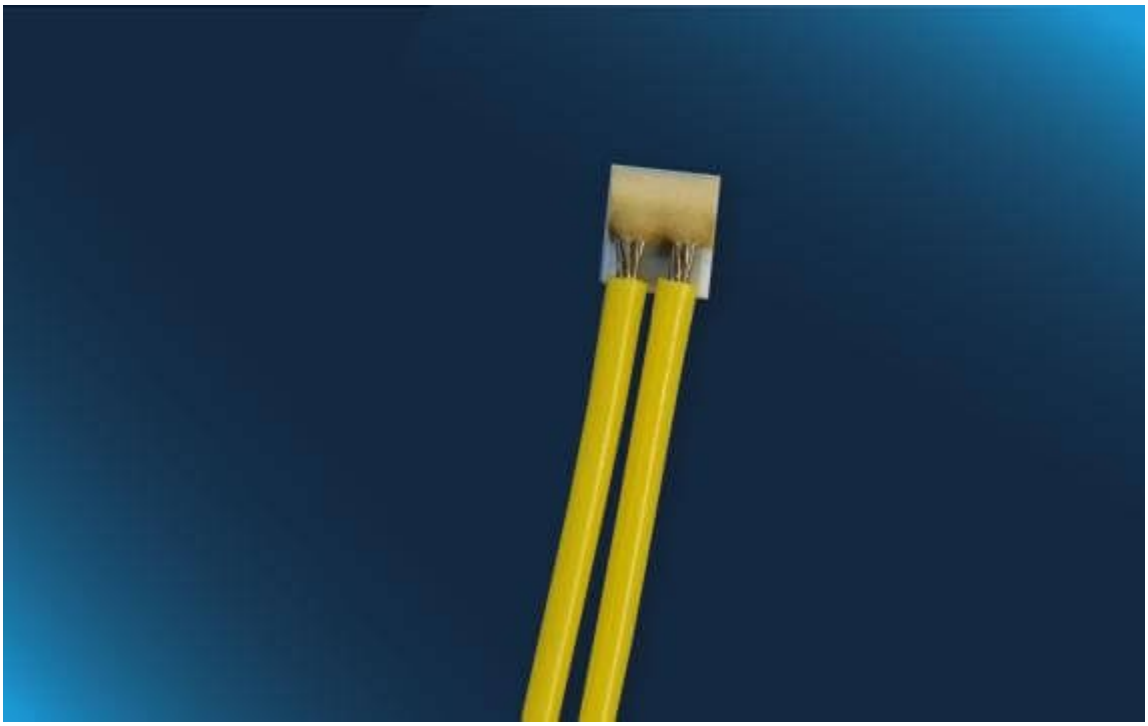
Pt1000 class F0.15 with Cu/Ag-stranded wires



Thin-film platinum, 1000 Ohm RTD component with metallized backside and inversed contacts

This high???precision temperature measurement with tight tolerance according to IEC 60751 is ideal for probes in medical applications, process instrumentation and precision monitoring.

Its metallized backside ensures superior thermal coupling and very fast response time. The inversed contacts enable compact integration and space-saving assembly - ideal for narrow tube tips, i.e. slim sensor probes and applications with minimal installation space.

The Cu/Age-stranded wires boast excellent conductivity, flexibility, and mechanical robustness.

Product Name: P1K0.232.2L.A.245.M.U
Nominal resistance: 1000 ?? at 0 ??C

Operating temperature range: -50??C to 200??C
TCR: Pt 3850 ppm/K
Chip size/dimensions: 2.3 x 2.0 x 1.3 mm
Tolerance/class: IEC 60751 F0.15 (IST AG reference class A)
Connection type: Cu/Ag-stranded wire, AWG28/7, 245 mm long, PTFE insulated
Wire length: 245 mm
Special: metallized backside, inversed contacts
Packaging: Loose in bags
Product code: 101359

Product details

Platinum Sensors

Innovative Sensor Technology IST AG platinum temperature sensors provide solutions for extreme temperature applications and are designed with the highest quality materials, allowing them to operate within a wide temperature range of -200 ??C to +1000 ??C. Standard IEC 60751 sensors are offered in class F0.3 (0.12 %), class F0.15 (0.06 %), F0.1 (0.04 %), and higher accuracies upon request.Our sensors are available in wireless (SMD) and wired configurations, and in sizes ranging from 0.75 mm to 10 mm (L), and 0.75 mm to 5.08 mm (W). Standard sensors can be customized with a variety of lead wire material, insulations, length, and configurations.

With many years of experience, iST also offers development of customer-specific applications in terms of sensor technology development and consultation. As part of the standard development process, we give support at the point of implementation - this way we ensure the best sensor solution for specific applications.

More information on platinum temperature sensors

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??16.35
50-99	CHF??13.20
100-150	CHF??11.10

Stock: **0**