



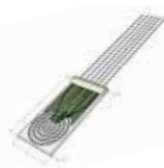
YOUR SUPPLIER AND PARTNER FOR SENSORS AND MODULES

Temperature Sensors



- Ultra-slim Platinum Temperature sensor 0.5mm x 3.5mm—fits into ID Ø 0.8mm (0.0315")
- Resistance values at 0°C from 50 Ohm (Ω) to 10.000 Ohm (Ω)
- Class A F0.15 valid in the -200°C – +600°C range (PW Series)
- Custom wire configurations available (extended bare, insulated or directly welded wires)
- Only platinum temperature sensor in the world ESCC (EU Space Components) certified

Conductivity Sensors



- Custom electrode design
- Wide measurement range (10 μ S/cm to 200 mS/cm)
- Chip design with high temperature stability of cell constants
- Glass and ceramic substrates ideal for medical applications

Flow Sensors



- Wide measuring range 0.01 m/s – 100 m/s (+/-1% accuracy), up to 400 °C
- Ultra fast response (< 5 ms)
- No moving mechanical parts, no contact between sensor and liquid
- Customizable modules (design-in support) with electronics

Humidity Sensors



- High humidity stability & condensation resistant due to our proprietary polymer design
- Pre-calibrated with high accuracy, < +/- 0.5% RH (in range 0% to 30% RH)
- Very fast response time 0.3 s
- Low hysteresis and long-term stability
- Coming soon modules for operating temperatures down to -80°C

Force/Torque Sensors



- Miniature sensors for force, pressure, surface strain and torque
- Manufactured with thin film technology
- Measuring ranges from approx. 0.1 bar – 0.4000 bar to 4 mm in diameter
- Temperature Range from -40 to 200°C
- Infusion pumps, labor detectors, eye surgery, insulin pumps, electric vehicles, etc

NEW

Microheater Sensors



- Precise, reliable, cost-efficient heaters, tailor-made to clients' specifications
- PTC materials and thin- and thick-film technology
- Coating techniques for fast, homogeneous, and efficient heat delivery
- Enable a small but accurate heat source with precise temperature control
- Automotive, humidification units, life-science, 3D printing and medical devices

NEW



Innovative Sensor Technology IST AG

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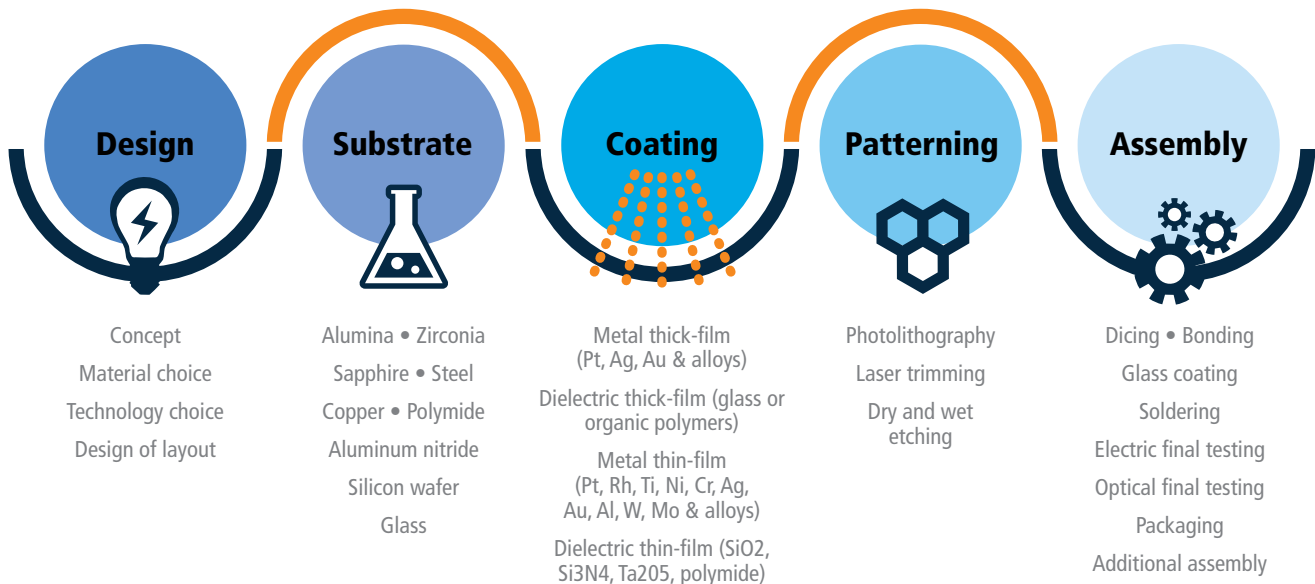
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PROVIDING SWISS TECHNOLOGY WORLDWIDE

At IST we offer a fast design-in-process and ideal sensor operation conditions for the development of your application. The choice of materials, technologies, size, form and capabilities of our sensors is extremely vast. Our experts help you find the right ingredients to build the ideal sensor to suit your application.



Custom designs for all your applications. Speed up your product design phase by ordering application-specific sensor components pre-assembled for easy system integration. Our IST experts will help you find the right sensor solution to fit your requirements.



Offering custom sensor solutions for every application.

