

# Delta **R**

Die Temperatur-Experten

## Temperature sensors



Elements



Sensors



Fittings



# Sensor elements



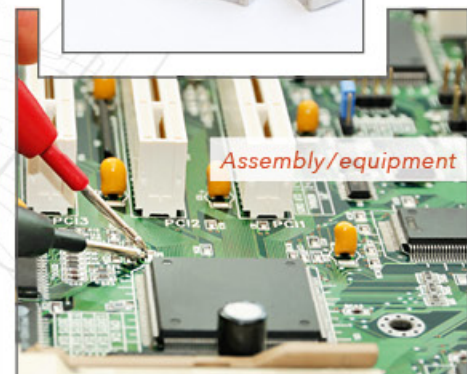
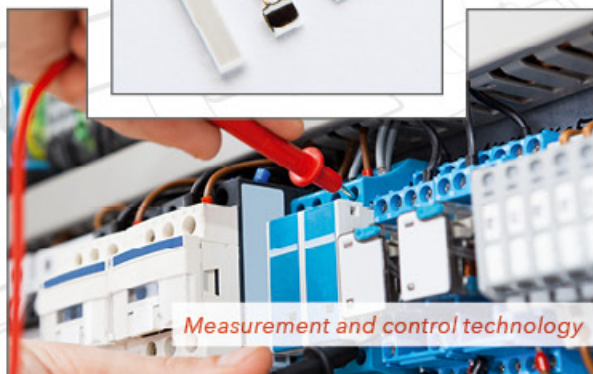
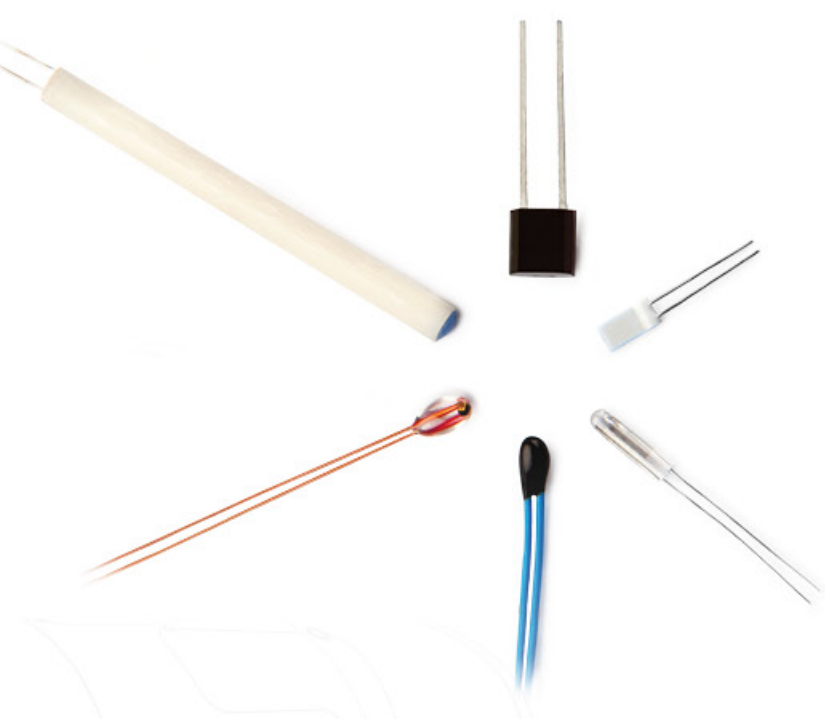
We sell and produce temperature sensors with an emphasis on fast-response, resistance-based miniature sensors. Our range of elements comprises a variety of different properties, tolerance classes and designs.

## We offer the following elements:

- **Pt elements:** glass and ceramic-based thin-film measurement resistors as surface-mounted devices or wound in a cylindrical form
- **Ni elements:** wired flat measuring resistors, e.g. Ni120 for processing with heat bonding techniques
- **NTC:** with high signal deviation, a variety of applications and designs
- **KTY:** temperature measurement of solid, liquid and gaseous media with high signal yield
- **Active components** for temperature measurement

## The advantages for you:

- Manufacturer-independent sales
- A variety of platinum measuring resistor types
- Various high-precision Pt elements available
- Electrostatic protected area for processing ESD-sensitive components



# Temperature sensors



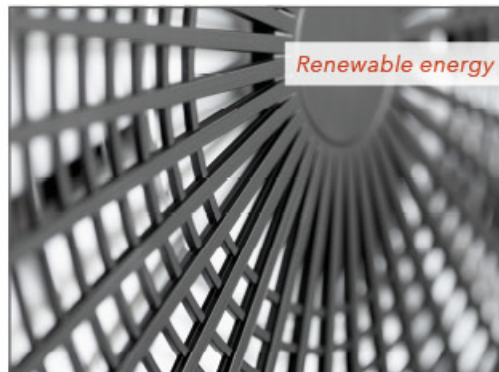
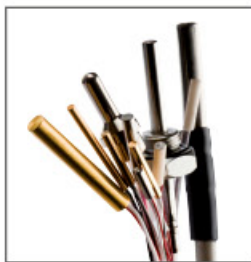
We produce in line with your specific requirements. As well as assembling and equipping temperature sensors with matched evaluation and display technology, Delta-R is your expert partner offering a wide range of sensor types and designs.

## Here's just a selection of the products we offer:

- Extensions
- Cable sensors
- Thread gauges
- Contact sensors
- Combination sensors
- Pt200 exhaust **gas temperature sensors** or as a type K or N thermocouple
- **Contactless infra-red temperature measuring systems**
- **Temperature sensors with inch measurements**  
*Because we are the **exclusive sales partner** of the American sensor manufacturer Weed Instrument, we can deliver temperature sensors in line with US specifications.*

## The advantages for you:

- Customer-specific assembly
- Extensions of connecting cables in 2, 3 or 4-wire circuits
- Embedding of sensor elements in ceramic, metal or plastic housings
- Development and manufacturing of housing technology for temperature sensors



# Fittings



We offer a range of mechanical accessories for exhaust gas temperature sensors and oil temperature sensors such as analyser circuits and display devices for deployment in the automotive sector.



## Our products include:

- **Display unit** for our Pt200 exhaust gas sensor DU-200 and DTS-V
- **Welding sleeve** SO-200 for mounting the TS-200, HTS and DTS-V II as well as welding sleeve SO-200 EXT for mounting the TS-200 EXT
- **VD-200 transmitter** for Pt200 automobile control units and VD-200A Professional transmitters with amplification for Pt200

## Ideal processing and utilisation

- The exhaust gas temperature sensors are easy to mount thanks to our range of accessories, including welding sleeves
- Display units designed specifically for our sensors

Delta-R specialises in **resistance-based temperature sensors**. We offer you individual, manufacturer-independent consulting and customer-specific assembly.

Order what you need quickly and easily at our online store - simply visit [www.delta-r.de](http://www.delta-r.de)

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