

Consultation. Solution. Innovation.

# INDUSTRIAL TEMPERATURE MEASUREMENT TECHNOLOGY

ARE YOU LOOKING FOR A RELIABLE PARTNER TO SUPPORT YOU IN ALL YOUR PROJECTS?

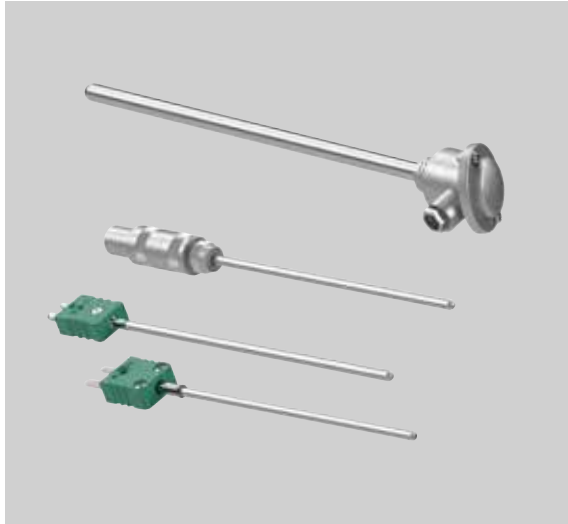
RÖSSEL Messtechnik has been a renowned manufacturer of high-quality industrial temperature measurement technology for almost 80 years. Our company develops, produces and sells thermocouples, resistance thermometers, connection cables, thermowells, transmitters, displays, process connections, accessories, etc. worldwide ...

RÖSSEL Messtechnik supplies a wide range of industries with customised temperature sensors in the range from  $-200^{\circ}\text{C}$  to  $>2000^{\circ}\text{C}$ .

## OUR BUSINESS AREAS

- ✓ Automotive research and development
- ✓ Semiconductors
- ✓ Steel industry
- ✓ Industrial furnace construction
- ✓ Energy technology
- ✓ Mechanical engineering
- ✓ Glass industry
- ✓ Mineral oil industry
- ✓ Chemistry and petrochemistry
- ✓ Cement and concrete industry
- ✓ Foundries

...and many more.

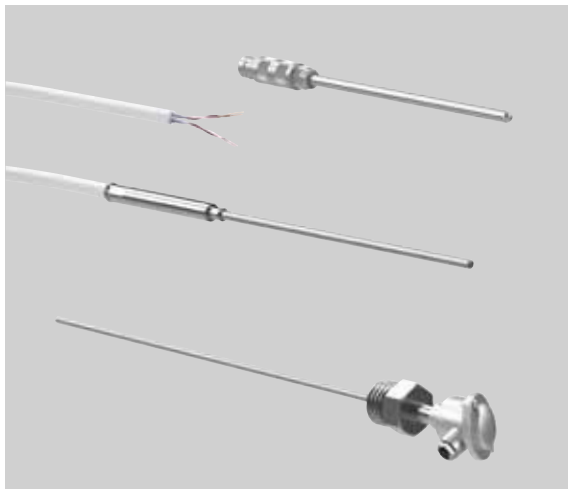


## THERMOCOUPLES\*

The accuracy of a temperature measurement depends largely on the sensor. Our thermocouples are produced according to the latest manufacturing and testing procedures. This guarantees a high level of quality and reliability.

- | Sheath thermocouples
- | Straight thermocouples
- | Angle thermocouples
- | Step elements (Multipoint)
- | Thermocouples with protection tube (metallic or ceramic)

\* also available in accordance with AMS2750, CQI-9 or ATEX



## RESISTANCE THERMOMETER\*

The manufacture of resistance probes is based on the highest precision. We have many years of experience, modern production facilities and comprehensive quality control.

- | Resistance thermometer with cable
- | Screw-in resistance thermometer
- | Sheath resistance thermometer
- | Resistance thermometer with metal protection tube

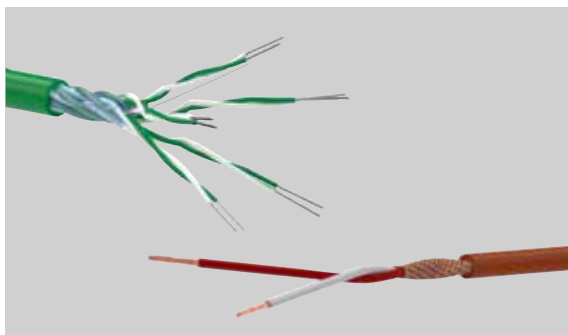
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## THERMOWELLS

Thermometer protection tubes can be supplied in a wide range of different materials. We supply versions that comply with all international standards as well as customised versions.

- | Screw-in thermowells
- | Weld-in protection tubes
- | Solid protective tubes
- | Flange protection tubes



## CABLES

RÖSSEL Messtechnik supplies standard cables, but also customised cables according to customer requirements as compensating cables or thermo cables.

- | Equalising line
- | Thermocouple cable
- | Control cables



## ACCESSORIES

RÖSSEL Messtechnik offers a comprehensive range of accessories for all areas of temperature measurement technology. Accessories such as compensating cables, process connections, protective and screw connections, flanges, protective tubes, ceramic bases, insulating rods, connectors, etc. over 5000 spare parts and a wide range of accessories, most of which are available from stock.



## CALIBRATION

Our subsidiary Centrocal, the consulting, testing and calibration centre for temperature measurement technology, is equipped with state-of-the-art devices. The temperature sensors can be calibrated with the highest precision.

- | DAkkS calibration
- | Calibration according to ASTM E 220
- | Calibration according to AMS2750
- | Calibration according to CQI-9

WOULD YOU LIKE TO  
KNOW MORE ABOUT ?  
VISIT OUR WEBSITE



THIS IS US:

Consultation. Solution. Innovation.



### 150 employees

Teamwork for your competitive edge



### On-site consultation

Personal advice on the property and in dialogue



### 5 locations

in Germany, the Netherlands, India and China



### Special construction

of thermocouples and resistance thermometers



### Customised design & production

System-independent, with batch and type tracking



### Certified manufacturer

with quality assurance system according to ISO 9001-2015



### Calibration laboratory

DAkkS-certified according to DIN 17025



### Class 5 cleanroom

for customised products in the semiconductor industry

## RÖSSEL-MESSTECHNIK - YOUR CERTIFIED PARTNER

As a certified manufacturer of temperature measurement technology for industry and research, we fulfil the strictest manufacturing standards. With internationally recognised approvals and calibrations, we offer quality that you can rely on worldwide.



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GET TO KNOW US.  
CONTACT US





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