



HERTH

elektrische Temperaturgeber GmbH

Thermocouples · Resistance Thermometers



The Company



Since 1978 we have been engaged in constructing and manufacturing “electric” temperature sensors. The production of thermocouples and resistance thermometers is completed with accessories, electronic appliances or compensating and thermocouple cables. State-of-the-art devices support our competent staff to also meet our customers' unusual wishes and requirements.

Our long-standing and good cooperation with a large number of well-known companies in a variety of different trades provides proof of our flexibility and our high quality

level. Reliability and trust as well as the quality of our products form the basis for a lasting and cooperative customer relationship towards companies and their staff members. Since 1994 we have already been certified by the German Association for Certification of Quality Management Systems (DQS) in the context of DIN ISO 9001; since November 2002 according to DIN EN ISO 9001:2000. Our quality management system as well was certified by TÜV NORD CERT following the guidelines 94/9/EG - ATEX.





The Company

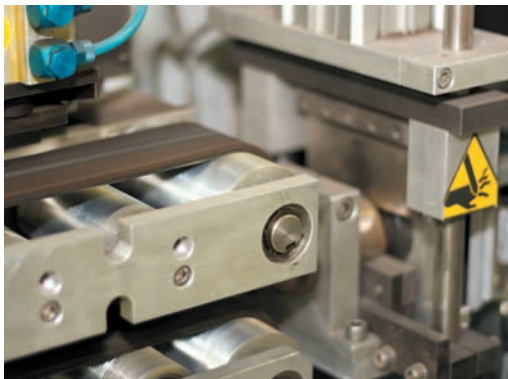


Quality-conscious thinking and acting was and is our top priority. To offer and sell products and services of excellent quality and maximum benefit is our objective. We want to have satisfied customers with consistent confidence in our efficiency. Their opinion is our major criterion for quality. With our products and services we strive to meet our customers' expectations, requirements and desires while taking into account economic aspects. Optimum customer service, observance of delivery dates, and deliveries according to order also belong to our important tasks.

Systematic qualification measures for our staff match our customers' actual demands. In today's world where in all trades and disciplines tasks are divided among individual experts who are able to solve certain, concrete tasks in a better and more economic way than the "allroundman" could ever do, we specialised in finding solutions in the field of temperature measurement by producing electric temperature measuring sensors. If temperature measurement with resistance thermometers and thermocouples is part of your business, we will certainly be able to help you.



The Company



From planning to delivery - supported by state-of-the-art computer facilities - we engineer and produce electric temperature measuring sensors in compliance with national and international standards, individual company standards or even customised products according to our customers' demands and specifications.

A well-rehearsed team of experienced and highly motivated staff members, computer-controlled machine tools

and modern equipment of measuring instruments for final inspection guarantee optimum processing of your orders.

Even if you eventually set a rather short delivery date – to help our customers particularly in times of need is certainly one main reason for customer loyalty and long-lasting customer relationships.





Thermocouples



Sheathed thermocouples for temperatures up to 2200°C

- high flexibility, smallest bending radiuses
- short response times
- high pressure and vacuum resistance
- diametre of 0,25 to 10 mm
- rust, acid and heat-resistant sheathing material

Thermocouples in accordance with DIN and international standards

- with metal protective tubes up to 1200°C
- with ceramic protective tubes up to 1800°C
- with testable and exchangeable measuring inserts

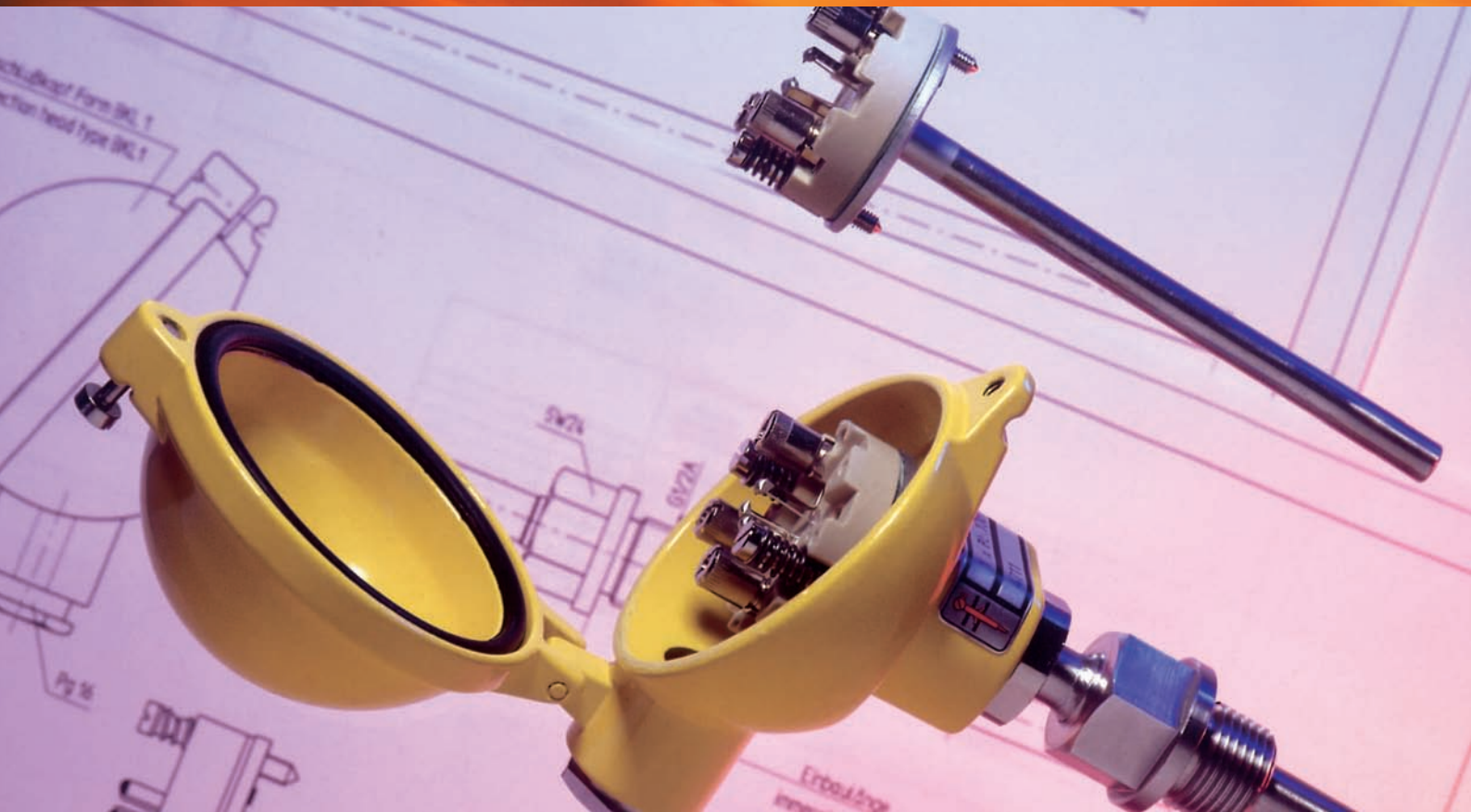


Compensating and thermocouple cables for dry and humid rooms, drag cables

- for different ambient temperatures with insulation made of PVC, silicone, glass fibre; shielding/outer sheathing made of steel wire mesh; ceramic fibre

Thermocouples NiCr-Ni (K)

- for measuring temperatures in air, liquids, on surfaces and frozen food
- also in conjunction with digital thermometer type DST-K5



Resistance Thermometers



Resistance Thermometer Pt100/0

- Pt500/0, Ni 100/0, Pt1000/0
- for screwing, welding, insertion or with flange connection
- housings and measuring inserts, also available individually, also with ATEX approval

For mounting we also offer:

- threads according to DIN ISO 228
- metric threads
- NPT threads

Sheathed Resistance Thermometers for temperatures up to 1000°C

- from sheath diameter 1,6 mm onwards
- types with
 - free connection ends
 - connecting cable
 - connection head
 - sensor and cable length according to customer's request

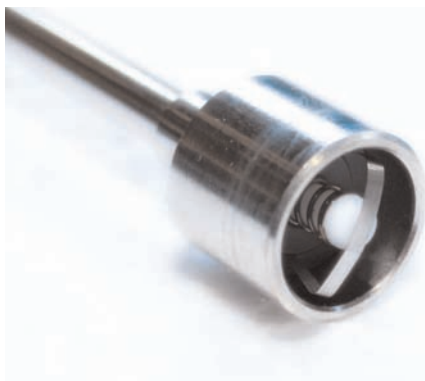
For mounting we also offer:

- clamp connections with different threads
- adjustable flanges
- screw sockets with different threads
- couplings





Accessories



Spares and Accessories

- connection heads
- connector bases
- protective tubes
- thermo wires
- insulation parts
- adjustable and counter flanges
- screw sockets
- clamp connections
- shunt resistors
- connectors
- measuring instruments, data loggers
- and more

No matter what product you choose: We offer you maximum flexibility and individual alternatives.

In many cases "off-the-shelf" products cannot meet the desired requirements. Just contact us – we are looking forward to your assignment!



Design: www.projekt-drei.com



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