Zertifiziertes QM-System
DIN EN ISO 9001
Zertifikat-Nr. 01017

Insertion Resistance Thermometers with Bayonet Lock

KOBOLD

measuring • monitoring • analysing

TWE-5

- Measuring ranges: -20 ... +350 °C
- Bulbs in stainless steel 1.4571
- Pt100 sensor class B
- Connection: bayonet
- Good heat transfer with adjustable spring pressure
- Fitting and removal without tools

T2

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Description

The insertion resistance thermometers comprise a rugged sensor made of stainless steel. Due to the special form of the probe tip, these temperature detectors are suitable for service in threaded borings. The thermostable compression spring made of stainless steel, which also acts as bend protection, ensures steady contact pressure of the probe tip in the hole. The immersion length can be varied by rotating the bayonet lock. Bayonet locks and counterparts are available in 6 and 8 mm diameter, others upon request.
Pt100 temperature sensors according to IEC 751, class B are used as standard. Other categories or versions are also available with Pt500 and Pt1000.

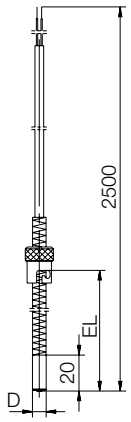
These sensors are available as single or double resistance thermometers.
The screw-in resistance thermometers are available in two-, three- or four-wire circuitry.

Applications

Insertion resistance thermometer with bayonet lock are particularly suited for measuring temperature in solids, sliding contact bearings and tools.
Many areas of application are to be found especially in the plastics industry.

Insertion resistance thermometer

with bayonet lock



Protective tube in stainless steel 1.4571
Compression spring in stainless steel 1.4310
Connecting lead: glass fiber/stainless steel braided 0.22 mm² with bend protection
Standard cable length: 2500 mm, others on request
Temperature range: -20 ... +260 °C or -20 ... +350 °C

Model number	Diameter/ Immersion length	Sensor type/class	Wiring	Connection cable
TWE-564 17P..	6 mm/adjustable 20 - 175 mm (-20 ... +260 °C)	..**1**.. = 1x Pt100, classe B ..**2**.. = 2x Pt100, classe B	..**2**.. = 2-wire ..**3**.. = 3-wire ..**4**.. = 4-wire*	..**E** = stainless steel braided cable (standard 2.5 m)
TWE-584 17P..	8 mm/adjustable 20 - 175 mm (-20 ... +350 °C)			

* with 1x Pt100 only

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