

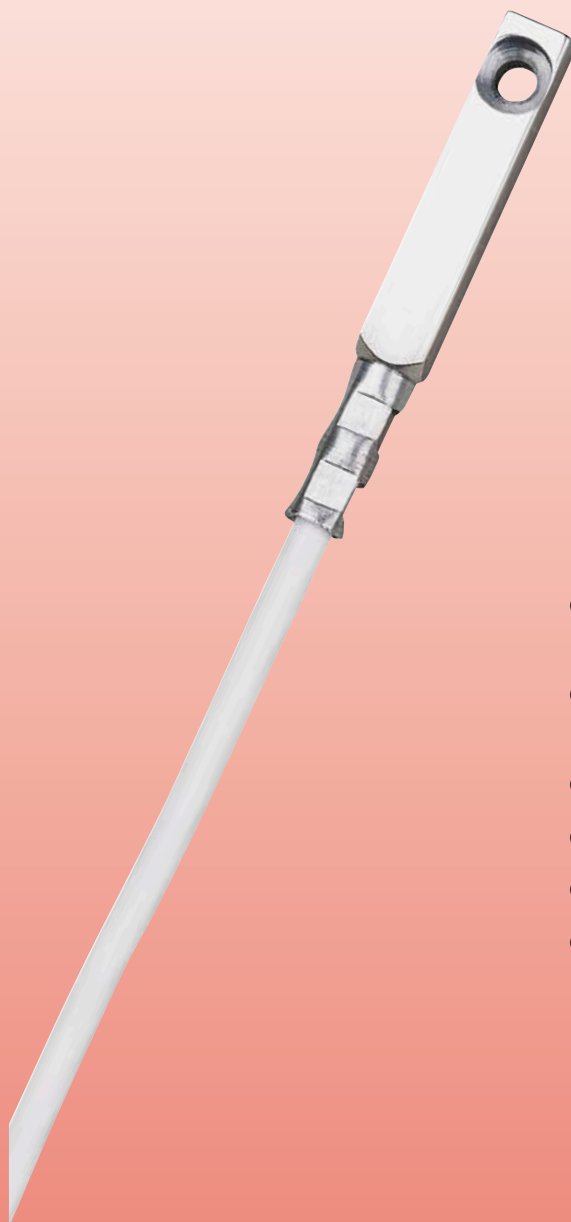


Contact Resistance Thermometers

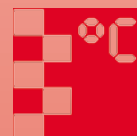


measuring
•
monitoring
•
analysing

MWA



- Measuring ranges:
-20...+260°C
- Sensor housing made
of stainless steel 1.4404
- Pt 100 sensor class B
- Flat surfaces
- Negligible thermal mass
- Easy to install



T2

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Description

The contact resistance thermometers can be attached in a variety of ways. They allow temperature measurement on closed piping and other round or flat surfaces. Simple installation with taut ribbons or hose clips means that no mechanical intervention is required at the measuring position. Contact resistance thermometers with mounting bores are a minor exception.

The indirect temperature measurement avoids flow-related errors. Furthermore, pressure and chemical influences from the medium have no effect on the temperature detector.

The influence on the target is minimum due to the negligible thermal mass of the sensor. The use of thermolube is recommended to improve heat transfer. Large temperature

differences between measured medium and the environment influence the measurement. The measuring position should be insulated in such cases.

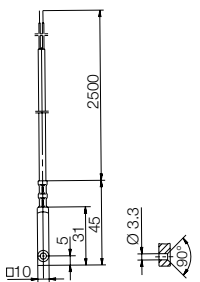
Depending on the version, the connecting leads are suitable for dry or moist rooms. The junction between connecting lead and protective tube is strain relieved.

Pt100 temperature sensors according to IEC 751, classe B in three-wire circuitry are used as standard.

Applications

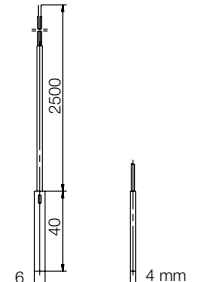
Areas of application are to be found in heating installation, furnace and apparatus construction, machine construction and building installations as well as in industry in general.

Contact resistance thermometer with mounting bore

	Protective housing made of st.st. 1.4404 Connecting lead: PTFE insulated 0.22 mm² Standard cable length: 2500 mm, others on request Temperature range: -20 ... 260 °C				
	Model number	Length	Sensor type/classe	Wiring	Connection cable
	MWA-R6A03013P	31 mm	1x Pt100, class B	3-wire	PTFE-insulated cable (standard 2.5 m)

Please specify cable special length in writing

Contact resistance thermometer with heat-resistant PTFE connecting lead

	Protective housing made of stainless steel 1.4404 Connecting lead: PTFE insulated 0.22 mm² Standard cable length: 2500 mm, others on request Temperature range: -20 ... 260 °C				
	Model number	Length	Sensor type/classe	Wiring	Connection cable
	MWA-R4404013P	40 mm	1x Pt100, class B	3-wire	PTFE-insulated cable (standard 2.5 m)

Please specify cable special length in writing