

Immersion/penetration temperature probe

Immersion/penetration probe for low temperature measurements

Operating temperature -200 to +200 °C

Thin ribbon cable fits between seals on lids or doors

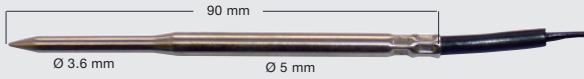
Calibratable



Pt100 Class A temperature probe with stainless steel penetration sleeve and PFA-insulated cable. Cable length 2 m with moulded 8-pin mini-DIN plug. The probe fits Pt100 temperature measuring instruments such as testo 720, testo 735, testo Saveris, Testo loggers.

The probe can be used permanently in liquid nitrogen, shock freezers, deep-freeze transport containers etc. In combination with loggers or other storage media, it is thus possible to monitor a refrigeration process.

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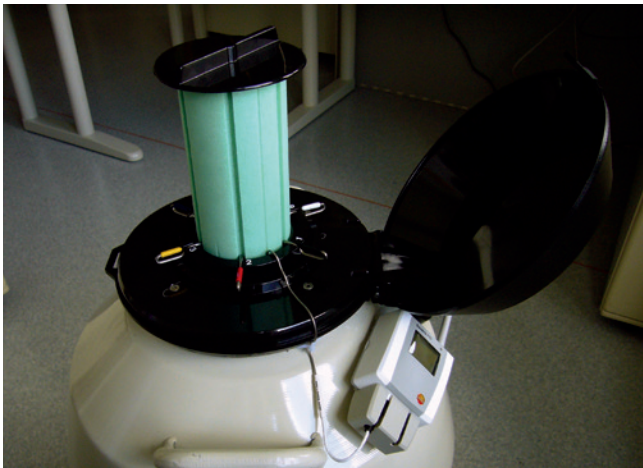


Class A Pt100 immersion/penetration probe with centrally pointed stainless steel sleeve and PFA-insulated black cable ribbon
Cable length 2 m with moulded mini-DIN plug.

Construction similar to 0572 7001, however with altered cable and temperature range.

Order no. 0572 9999 / ID no. 0699 6539/9

The standard probe 0572 7001 is suitable for applications in air-conditioned cabinets, baking ovens, refrigerators from -85 to +150 °C. Probes with other sensors such as TC Type T, TC Type K (0572 9001) or NTC (0572 1001) are available in the current product range or on request. For temperature measurement to -200 °C, a TC Type K probe (0699 6539/3) is also suitable.



Measurement in a nitrogen tank using the testo Saveris measurement data monitoring system.

Sensor type	Pt100 in 4-wire connection
Measuring range	-200 to +200 °C
Accuracy	Tolerance class A acc. to EN 60751
Response time	t_{90} approx. 7 s. in moving liquid
Operating temperature	Protective sleeve and sensor -200 to +200 °C Cable non-moving -200 to +200 °C Mini DIN plug +80 °C
Measuring tip	Centrally pointed
Probe tube material	Stainless steel 1,4404
Probe tube length	90 mm (other lengths are possible)
Diameter probe shaft	Ø 5 mm, tapered to Ø 3.6 mm towards the measuring tip
Protection class	IP54
Connecting pipe	Length 2 m (other lengths are available), flat 3.6 x 1.2 mm, PFA cable insulation black, moulded mini DIN plug

Notes

The probe is available in the following variants:

- with altered sleeve (length, diameter, spherically round, with screw connection or a clip)
- with other cable lengths
- with free wire ends
- or individually made to your order



Easy insertion through door seal thanks to ribbon cable.

dk/1/04.2016 Subject to change, including technical changes, without notice.