

Thermocouples

Precision thermocouple

Series PTE

Application areas

- secondary level or transfer thermometer
- highly precise measurements in a large temperature range
- 0...1600°C (type R,S)
- 400...1700°C (type B)
- 0...1000°C (type Au-Pt)
- 0...1300°C (type Pt-Pd)

Technical datas

- Precious metal wires of high homogeneity and purity, 99.99% typical, on demand with improved reproducibility by means of a special thermal treatment
- protecting tube, alumina C799, one additional as spare, very easy replaceable, \varnothing 7...8x700m, other geometry on demand
- handle \varnothing 20 x 95mm, Ni-plated brass, max. temperature 80°C
- save transport and storing in smart attached box
- total mass (incl. box) about 2,7 kg

Thermo junction

S (PtRh10-Pt) DIN EN 60584
R (PtRh13-Pt) DIN EN 60584
B (PtRh30-PtRh6) DIN EN 60584
Au-Pt DIN EN 62460
Pt-Pd DIN EN 62460

Number of Thermo junction

1 thermocouple

Wire size

0,35 mm
0.5 mm

Protective tube material

C 799

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Protective tube diameter d

7 mm
8 mm
on inquiry

Protective tube length L

700 mm
on inquiry

Connector

free ends
others on inquiry