

THERMOTEC® High Temp. Probe

Information

THERMOTEC® high temperature thermocouples are available in two versions for temperatures up to 1100°C and 1400°C.

Both versions are provided with a PROTEC® protection tube, which is highly resistant against chemical attacks and erosion and guarantees a long life under difficult process conditions.

THERMOTEC® high temperature thermocouples for temperatures up to 1400°C consist of the PROTEC® protection tube with aluminium or grey cast iron connection heads and one or two NiCr-Ni or PtRh-Pt thermocouples.

Special designs with other dimensions or other material according to customers requirements are available on request.

Technical Data

MAX. FLUE GAS TEMPERATURE: 1400 °C

MATERIAL: PROTEC (Protection tube) aluminium & grey cast iron (connection head)

THERMOCOUPLE: NiCr-Ni / PtRh-Pt

Immersion depth: 500 - 2000mm

Diameter Protection tube : 20 mm or 25mm

Flange: optional



Applications

- Process temperature measurement

Features

- Temperature stability up to 1400°C
- Highly resistant against abrasion, corrosion and oxidation
- Excellent thermal conductivity of protection tube
- Excellent thermo-shock resistance
- Protection tube gastight and robust