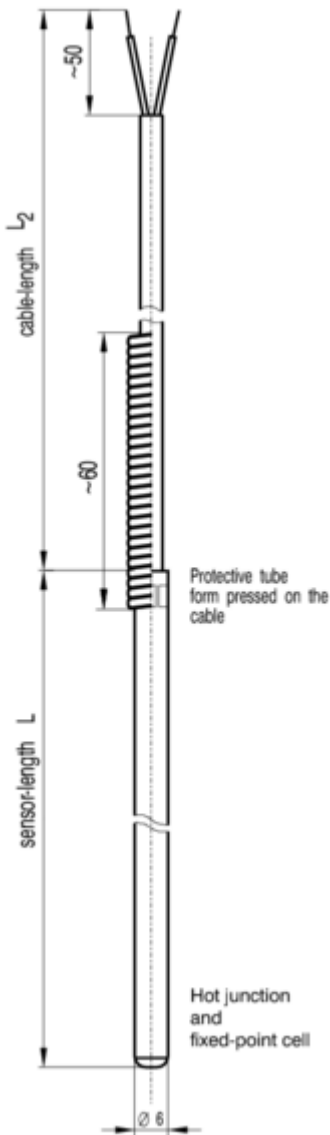


Cable sensors
Without attaching parts
Model series FP-KTE



Applications

Thermocouple with high stability fixed-point cell; the fixed-point substance forces a typical signal during its melting and freezing (fixed-point plateau); calibration curve deviations of the whole measuring circuit will be recognisable and could be corrected

- in case of increased demands on measuring accuracy,
- in rough surroundings,
- for multi-stage measurement chains,
- at hard-to-reach measuring points,
- the proof of quality

Thermo junction

- L (Fe-CuNi) DIN 43710
- J (Fe-CuNi) DIN EN 60584
- K (NiCr-Ni) DIN EN 60584
- N (NiCrSi-NiAl) DIN EN 60584
- S (PtRh10-Pt) DIN EN 60584
- B (PtRh30-PtRh6) DIN EN 60584

Number of Thermo junction

- 1 thermocouple

Fixed point material

- Bi33In67 72,5°C
- In 156,59°C
- Sn 231,93°C
- Zn 419,53°C
- Al67Cu33 548,2°C
- Al87Si13 578,8°C
- Al 660,32°C
- Ag28Cu72 779,6°C

Measuring point design

- insulated, integrated in fixed point cell

Protective tube material

- 1.4571
- on inquiry

Protective tube diameter d

- 6 mm
- on inquiry

Sensor length L

- on inquiry 50 ... 1000 mm

Compensating cable length L2

- on inquiry

Cable sensors
Without attaching parts
Model series FP-KTE

Type of compensating cable

on inquiry

Bend protection

without

with spiral spring

Connector

free ends

connector on inquiry