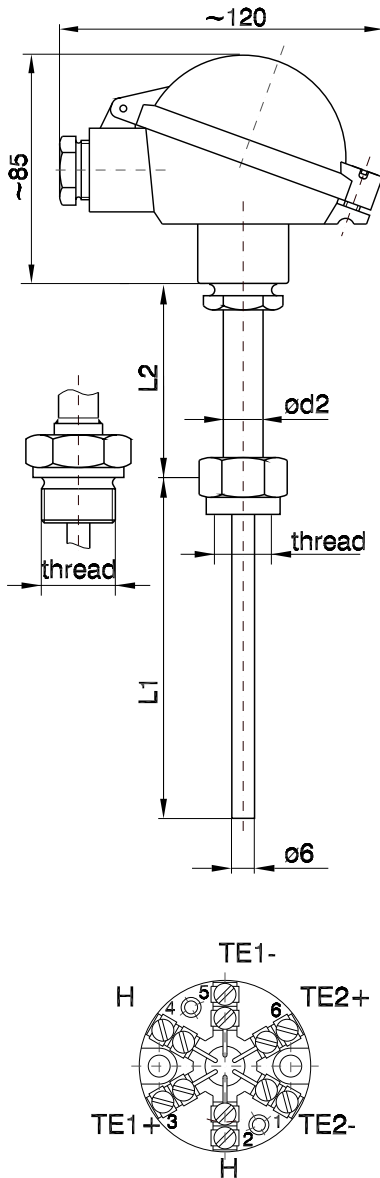


# Thermocouples

## Fixed point thermocouple

### Series SKTE-F



#### Application:

High precision temperature measurements at defined process temperatures by means of fixed-point calibration (self-calibrating thermocouple) e. g. superheated steam 400 °C to 650 °C

#### Construction:

- Measuring insert 6mm with
- 1 fixed-point thermocouple (TE1)
  - 1 additional thermocouple (TE2)
  - 1 miniature fixed point cell
  - 1 miniature heating element (ca. 20W)

#### Connection head

Form BUS according DIN 43 729

#### Protection classification

IP 65 according DIN 60529

#### Thermo junction

N (NiCrSi-NiAl) DIN EN 60584  
on inquiry

#### Number of Thermo junction

2 thermocouples

#### Fixed point cell

minicell with specific pure metal on inquiry

#### Fixed point material

on inquiry dependent on application temperature

#### Protective tube material

1.4571  
on inquiry

#### Insert length $L_1$

on inquiry from 100mm

#### extension tube length $L_2$

on inquiry from 130 mm

#### Process connection

outside thread  
cup nut

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**Thread**

M18x1,5  
M20x1,5  
M27x2  
G1/2  
G3/4  
on inquiry