

Temperature Sensors with Ceramic Protection Tubes **TTSCU-22, TTRCU-22, TTKCU-22**

Specification

Temperature range / sensing element

-40÷1200°C **S, R, K** class 2

Sheath

- outer sheath material:
 steel 1.4841 max. temp. 1150°C
 steel 1.4762 max. temp. 1200°C
 steel 15Cr25T max. temp. 1000°C
- inner ceramic sheath material: mullite 610, ø15 mm
- length L [mm]: 300÷2000

Connection head

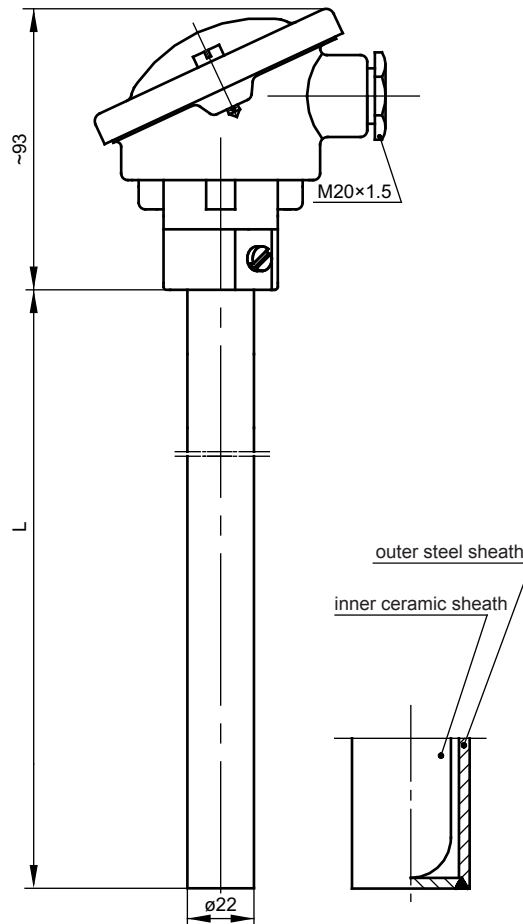
- AA, IP53, -40÷100 °C

Options

- with transmitter 4÷20 mA in connection head DAW
- double measurement circuit
- thermocouple S, R, K class 1

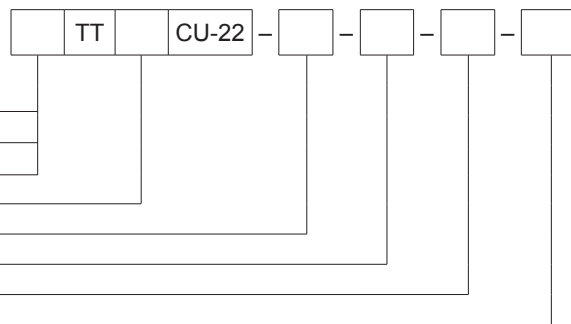
Additional accessories

- temperature transmitters
- compensation cables
- sensor mounting fittings: UZ-11, UZ-21



Ordering code

Temperature sensor



- Single: **no designation**
- Double: **2**
- With transmitter: **AP**
- Thermocouple: **S, R, K**
- Sheath length L [mm]: **500, 1000** or other*
- Thermocouple class: **1, 2**
- Platinum wire diameter d [mm]: **0,35** or **0,5**
- Transmitter type – temperature range: **Tx (0÷1200)°C***

*Other parameters acc. to requirements

Ordering example:

TTSCU-22-1000-2-0,5-1.4841 single sensor with thermocouple PtRh10-Pt /S/, class 2, platinum wire diameter 0,5 mm, with steel-ceramic sheath ø22/15 mm, length L=1000 mm, material 1.4841

APTTRCU-22-500-1-0,5-1.4762-Tx-(0÷1200)°C single sensor with thermocouple PtRh13-Pt /R/, class 1, platinum wire diameter 0,5 mm, with steel-ceramic sheath ø22/15 mm, length L=500 mm, material 1.4762, with transmitter 4÷20 mA