

Temperature Sensors with Non-Replaceable Measuring Inserts **TOPI-6, 8, TTJI-6, 8, TTKI-6, 8**

Specification

Temperature range / sensing element

- 200÷600°C **Pt100** class B
- 40÷700°C **K, J** class 2

Measuring insert

- non-replaceable

Sheath

- material: stainless steel 1.4541
- sheath length L:
- 115, 175, 245, 375, 525 [mm] for $\varnothing 6$ L_{max.} =1500 [mm]
- 495, 705, 995, 1395, 1995 [mm] for $\varnothing 8$ L_{max.} =2000 [mm]

Connection head

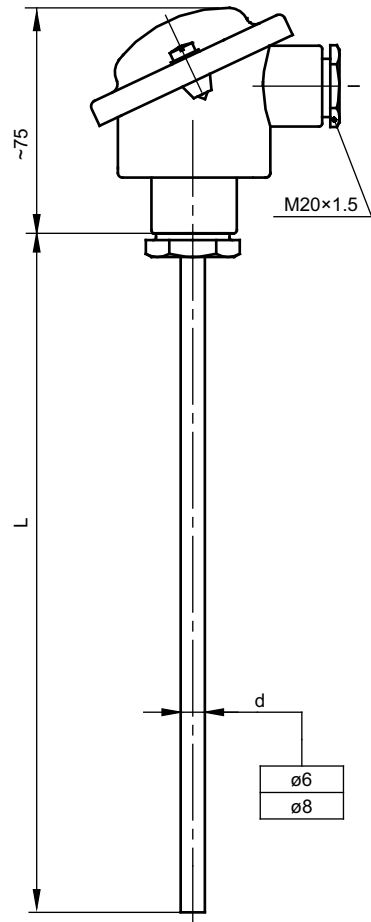
- BA, IP55, -40÷100 °C

Options

- local display in connection head DANWwin
- Pt500, Pt1000, Ni100, Ni1000, T, N
- other threads (inch and metric) acc. to requirements
- connection heads – stainless steel BEG; aluminium NA, IP65; aluminium NA with snap lock
- Pt100: class A -100÷450°C, class AA -50÷250°C; TC: class 1

Additional accessories

- temperature transmitters
- additional protection tubes and thermowells
- hot junction type
- compensation cables
- sensor mounting fittings



Ordering code

Temperature sensor



- Single: **no designation**
 - Double: **2**
 - With transmitter: **AP**
 - RTD Pt: **OP**
 - Thermocouple Fe-CuNi: **TJ**
 - Thermocouple NiCr-NiAl: **TK**
 - Sheath diameter d [mm]: **6 or 8**
 - Hot junction type for TC: **SO, SOA, SP**
 - Sheath length L [mm]: **115, 175, 245, 375, 525** or other*
 - RTD / thermocouple class: **A, B*** / **1, 2**
 - RTD Pt100 connection: **2-, 3-, 4- wire**
 - Transmitter type – temperature range: **Tx-(0÷400)°C***
- *Other parameters acc. to requirements

Ordering example:

TOPI-6-115-B-2 single sensor with Pt100, class B, 2-wire connection, sheath diameter 6 mm and length L=115 mm

APTTJI-8-SO-525-1- Tx-(0÷600)°C single sensor with thermocouple Fe-CuNi /JJ/, class 1, insulated hot junction SO, sheath diameter 8 mm and length L=525 mm, with transmitter 4÷20 mA