

Temperature Sensors for Measurement of Machinery and Device Parts **TOPGSP-1**

Specification

Temperature range / sensing element

-40÷150°C **Pt100** class B

Sheath

- material stainless steel 1.4541
- length [mm]: 50÷1000
- straight sheath [mm]: 6 (standard)

Connection type

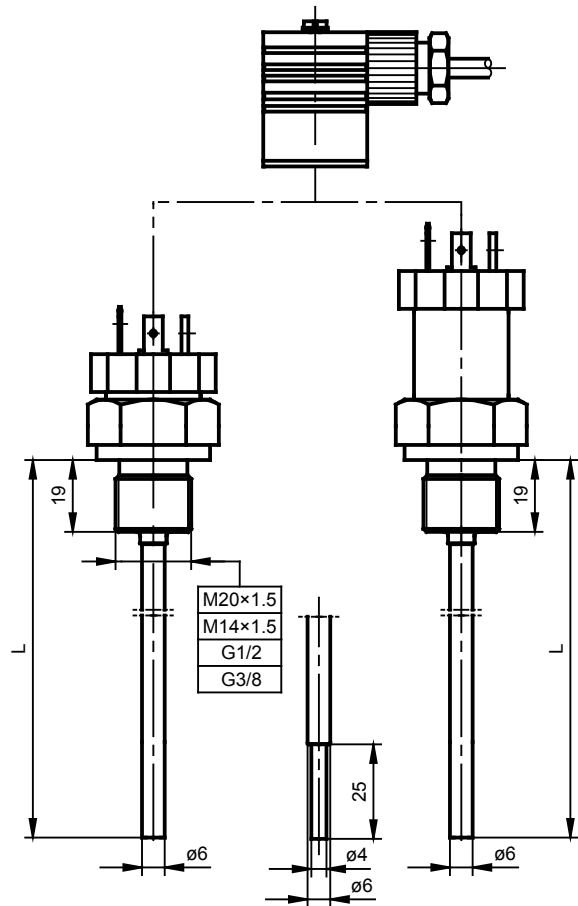
- plug GMD + socket GSP
- operating temperature: -40÷100°C

Options

- Pt500, Pt1000, Ni100, Ni1000
- double measurement circuit, 2-wire connection
- other sheath diameters acc. to requirements
- sheath with narrowing 6/4 mm
- other threads (inch and metric) acc. to requirements

Additional accessories

- temperature transmitter 4÷20 mA, temperature ranges: 0÷100°C, 0÷150°C



Ordering code

Temperature sensor



Single without transmitter: **no designation**

Single with transmitter: **AP**

Double without transmitter: **2**

Resistor Pt: **OP**

Resistor Ni: **ON**

Sheath length L [mm]: **100**

Tip diameter [mm]: **6** or **6/4**

Thread dimension: **G½** or other*

RTD type: **Pt100** or other*

RTD class: **A, B***

RTD connection: **2, 3, 4-wire**

Transmitter – temperature range: **(0÷100)°C***

*Other parameters acc. to requirements

Ordering example:

TOPGSP-1-160-6-G½-Pt100-A-3 single sensor with Pt100, class A, 3-wire connection, straight sheath length L=160 mm, threaded fitting G½

2TOPGSP-1-200-4-M20x1,5-Pt100-B-2 double sensor with Pt100, class B, 2-wire connection, sheath with narrowing 6/4 mm length L=200 mm, threaded fitting M20x1,5