

TEMPERATURE SENSOR

type 701, 702

SPECIFICATION

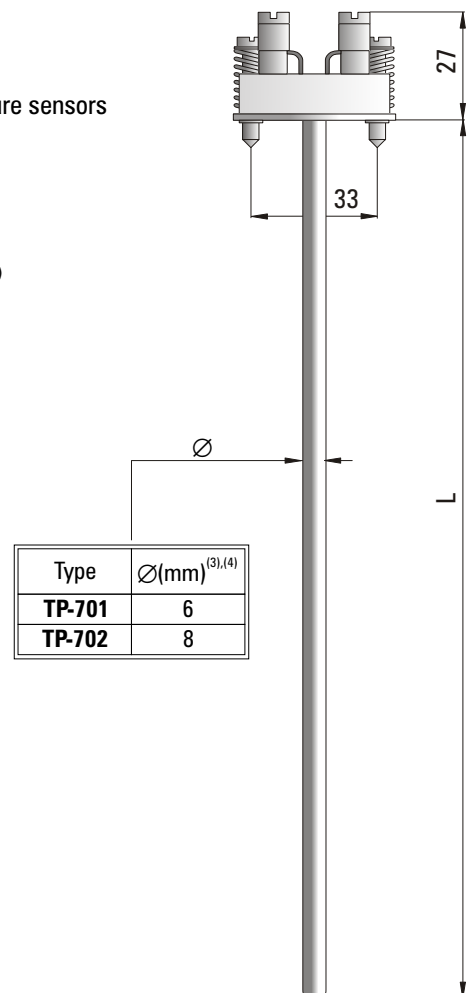
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|-----------------------------|---|
| Application | replaceable measuring insert for temperature sensors |
| Temperature range | -40°C... +550°C (Pt100) -40°C... +400°C (T) -40°C... +600°C (J) -40°C... +900°C (K) |
| Measuring element | platinum resistor (Pt100)⁽¹⁾ thermocouple Cu-CuNi (T) thermocouple Fe-CuNi (J) thermocouple NiCr-NiAl (K) |
| Class of processing element | 2 (B) ⁽²⁾ |
| Conductor material | wire Cu/Ni (for Pt100) |
| Assembly | 2, 3 or 4 wires (for Pt100) |
| Measuring junction | insulated ⁽²⁾ |
| Sheath material | steel 1.4541 |
| Additional accessories | temperature transmitter compensation cable |

⁽¹⁾ Pt500, Pt1000, Ni100, Ni1000 on demand

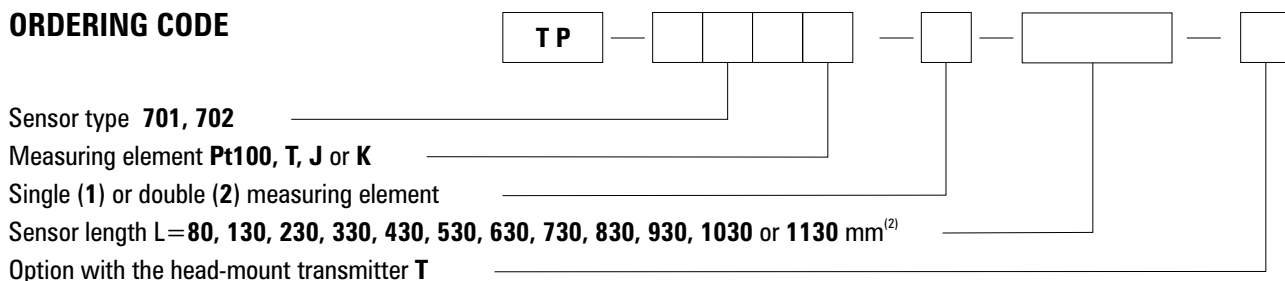
⁽²⁾ Other parameters according to customer requirements

⁽³⁾ Sheathed thermocouples $\varnothing = 1.5, 2, 3, 4.5, 6, 8$ mm on demand

⁽⁴⁾ Mineral insulated cable for Pt100 $\varnothing = 3, 5, 6$ mm on demand



ORDERING CODE



Example for order: TP-701K-1-430 sensor with single thermocouple NiCr-NiAl (K) of outer diameter $\varnothing = 6$ mm and length L = 430 mm.
 TP-701K-1-430-T; TCH-2140-K sensor with the head-mount transmitter type TCH-2140-K.