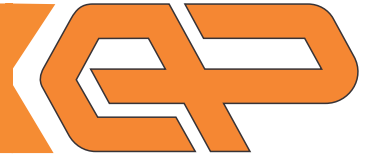


TEMPERATURE RESISTANCE PROBE FOR INTERNAL TEMPERATURE MEASUREMENT TYPE:

TPC



Description of the probe:

Temperature resistance probe type TPC is suitable for temperature measurement in moist and polluted internal spaces.

V tipalo TPC je lahko vgrajen merilni pretvornik s tokovnim, napetostnim ali RS - 485 izhodom.

Sensor features:

Sensors, which can be implemented into the measuring insert of the probe:

- **Pt 100**
 - tolerance class A*
 - tolerance class B*
 - two-wire implementation
 - three-wire implementation
 - four-wire implementation
- **Pt1000**
 - tolerance class A*
 - tolerance class B*
 - two-wire implementation
- **Ni1000/5**
- **Ni1000/6**
- **NTC 10K**
- **KTY 81**

(look at the ordering table)

* according to DIN EN 60751

External features of the probe:

Protection tube

Protection tube is made out of AISI 403 steel
It's dimensions are $\varnothing 6 \times 40$ mm.

Housing

ABS plastic housing 58 x 64 x 40 mm.

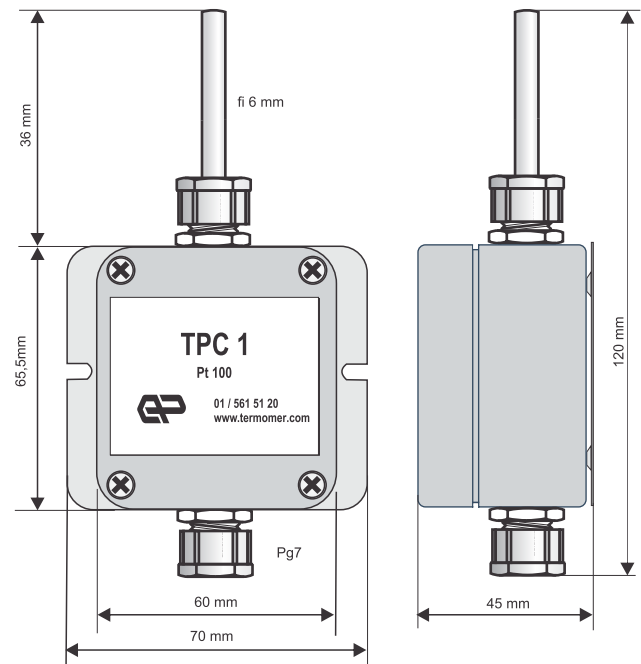
Cable gland

Cable gland PG7.

Level of protection

IP65.

Image and dimensions of the probe:



Operating conditions:

Temperature

Temperature interval for the TZ is $-40/80^{\circ}\text{C}$.

Reaction time

$T_{0.5} < 50\text{s}$.

Maintenance

The probe does not need any maintenance.

Option - measuring transducer PDR:

Measuring transducer PDR is programmable.
Factory default measuring range can be set to customer's specifications. Customer can later change the measuring range with the use of free EPKON application and communication interface KOV 1.

Types of PDR transducers, which can be implemented in the TZ probe:

- **Voltage 0 - 10V** (code: TPC DU)
- **Current 4 ... 20 mA** (code: TPC DI)
- **Digital RS - 485 modbus** (code: TPC RS)

Datasheets for measuring transducer PDR are available on our web page: www.termomer.com.



www.termomer.com

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