



The resistance temperature transducers series **T** are designed for temperature measuring in interior applications. Transducers are provided with the degree of protection IP 40. Temperature sensor is built in front panel of installation box type **TANGO**. All kinds of common used sensing components can be used as a sensor e.g. Ni1000, Ni10000, Ni891, Pt100, Pt500, Pt1000, NTC 10kΩ, NTC 20kΩ, type KTY, SMT160, sensors DALLAS and others.

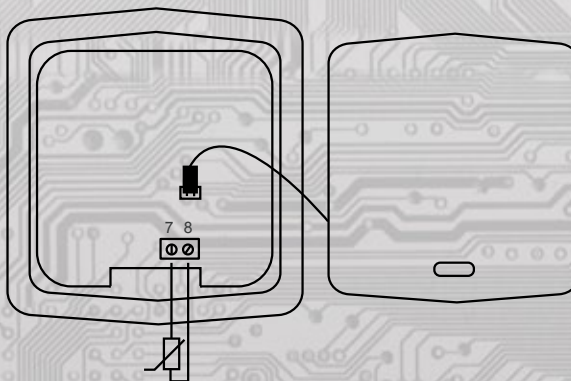
Summary

| Transducer | TML | TMS | TMJ | TMH | TMP | TMPA | TMPB | TMLA | TMSA |
|-------------|---------------------|---------------------|---------------------|-------------|--------------------|---------------------|--------------------|----------------------|----------------------|
| Sensor type | Ni1000 Tk = 5000 | Ni1000 Tk = 6180 | Ni1000 Tk = 6371 | NTC 20kΩ | Pt100 Tk = 3850 | Pt1000 Tk = 3850 | Pt500 Tk = 3850 | Ni10000 Tk = 5000 | Ni10000 Tk = 6180 |

Basic technical parameters

| | | | |
|---------------------|--------------|--------------------------------------|---------------------------|
| Measuring range | -30 to 80 °C | Degree of protection | IP 40 |
| Accuracy | class B | Current load I _{max.} | 0,5 mA |
| Ambient temperature | -30 to 80 °C | Current load I _{max.} (TMP) | 2 mA |
| Relative humidity | < 80 % | Cable recommended cross section | 0,35 to 2 mm ² |

Wiring diagram



Mounting the transducers

Transducers are determined for the installation into installation boxes type Tango. The printed circuit board has to be located into the frame via connectors outwards and has to be screwed up with self-drilling screws Ø 2,9 mm into the installation box. When the terminal board is connected, connector of sensor has to be pushed into the socket. The cover with the sensor have to be pushed into the frame. When uninstalling, the cover has to be gently loosened by wresting with a flat bladed screwdrivers.

Method of ordering

State the quantity of pieces and the transducer type in your order.
An order example: **5 pieces transducer TMS**