

Accredited entity:

PEMIT s.r.o.
PEMIT s.r.o., METROLOGIE - kalibrační laboratoř
Místecká 845, 739 21 Paskov

Measured quantity: **Temperature**

Calibration:

Nominal calibration temperature: $(23 \pm 2) ^\circ\text{C}$

Ordinal number ¹⁾	Measured quantity	Measured quantity range	Best measuring ability [$\pm\%$] ²⁾	Method identification
3*	Resistance sensors Pt 100	(-25 ÷ 30)°C (30 ÷ 156)°C (156 ÷ 420)°C (420 ÷ 600)°C	0.06 °C 0.08°C 0.16°C 0.40°C	KP T01-0601
4*	Thermoelectric temperature sensors Thermoelectric temperature sensors	(-25 ÷ 30)°C (30 ÷ 156)°C (156 ÷ 420)°C (420 ÷ 600)°C (600 ÷ 1100)°C	0.15 °C 0.20°C 0.30°C 0.40°C 1.80°C	KP T02-0601
5*	Glass thermometers	(-25 ÷ 200)°C	0.06°C	KP T03-0601
6*	Direct-indicating thermometers	(-25 ÷ 30)°C (30 ÷ 156)°C (156 ÷ 420)°C (420 ÷ 600)°C	0.20 °C 0.08°C 0.16°C 0.40°C	KP T04-0601
7*	Temperature converters	(-25 ÷ 30)°C (30 ÷ 156)°C (156 ÷ 420)°C (420 ÷ 600)°C	0.07 °C 0.09°C 0.16°C 0.40°C	KP T05-0601

¹⁾ Asterisk at the ordinal number identifies calibration performed also outside the laboratory premises

²⁾ Expressed like uncertainty according to the requirements of the document EA 4/02 at $k = 2$

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Measured instruments and devices:

(In accordance with the above list of measured quantities and the ranges of measurement the following types of instruments or devices can be measured; uncertainties to be shown in the certificate of calibration will be determined by the uncertainty of given instrument or device increased by relevant measuring ability of the laboratory for given measured quantity and the range of its measurement.)

Ordinal number	Measured instrument/device type
1	Deformation manometers
2	Digital manometers
3	Pressure converters with electrical output signal
4	Resistance temperature sensors
5	Thermoelectric temperature sensors
6	Glass thermometers
7	Direct-indicating thermometers
8	Temperature converters