

## PAC-94TX

- temperature meter with double display
- input: Pt100, Pt500, Pt1000
- threshold value setting
- 1 relay output

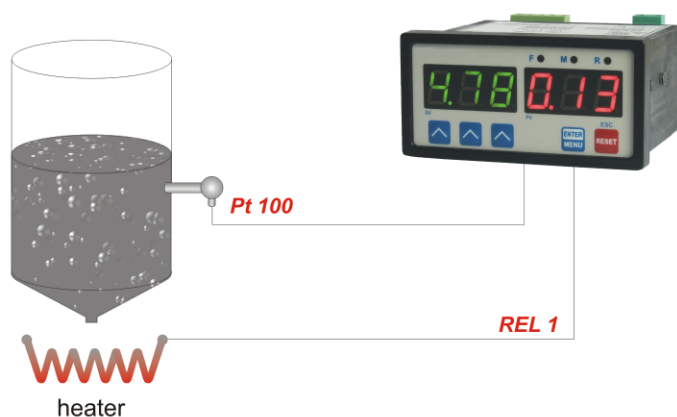
The PAC-94TX temperature meters is particularly suitable in applications which require quick access to the threshold value with a possibility of its instant modification during measurements. 3 [^] keys enable quick changing of any set value digit, which significantly reduces the time necessary to input a new parameter value. The relay output can be used to heating/cooling type control.

- double display,
- programmable measuring range,
- programmable relay hysteresis,
- programmable relay delay,
- password protected,
- programmable indication filtration,
- alarm diode informing when the measuring range is exceeded,
- available with AC and DC power supply versions.

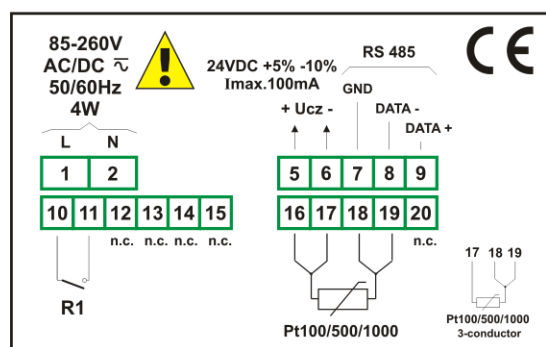


### Typical applications

1. Batching a medium to the tank with continuous level measurement in any unit.



### Exemplary pin assignment



### Ordering

PAC-94TX-1311-1-X-XX5-N1

#### options:

- 00 : no options
- 01 : IP65

#### power supply:

- 3 : 24V AC/DC
- 4 : 85...260V AC/DC

### Technical data

**Power supply:** 19...50V DC; 16...35V AC or 85...260V AC/DC

**Power consumption:** for 85...260V AC/DC and 16...35V AC power supply: max. 4,5 VA; 19...50V DC power supply: max. 4,5 W

**Display:** real values - LED, red, 3 digits, 13 mm high  
set values - LED, green, 3 digits, 13 mm high

**Input:** temperature Pt100, Pt500, Pt1000

**Measuring range:** -99...600°C

**Measuring range of set values display:** -99...999 (-9,9... 99,9)

**Genauigkeit (25°C):** ± 0,1 % FSO

**Toleranzband (0...50°C):** max. 0,25 % FSO

**Resolution:** 0,1°C

**Resistance compensation of connecting conductors:** 0...20 Ω at any conductor

**Output:** 1 relay 1A/250V AC (cosφ=1)

**Transducer power supply output:** 24V DC +5%, -10% / max. 100 mA, stabilized, not insulated from measuring inputs

**Communication interface:** RS 485, 8N1 and 8N2, 1200 bit/s ÷ 115200 bit/s, Modbus RTU (not galvanically isolated)

**Operating temperature:** 0...50°C

**Storage temperature:** -10...70°C

**Protection class:** IP 65 (front side when an additional frame is installed); IP 40 (front side); IP 20 (case and connection clips)

**Case:** board

**Case material:** NORYL - GFN2S E1

**Case dimensions:** 96 x 48 x 100 mm

**Panel cut-out dimensions:** 90,5 x 43 mm

**Installation depth:** min. 102 mm

**Board thickness:** max. 5 mm