

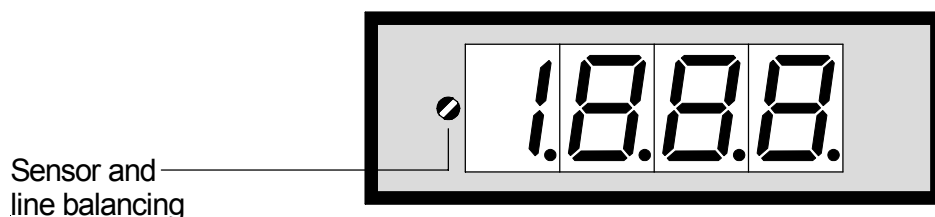
# Temperature metering PT1000

- Allows to be placed side by side in grid and mosaics systems

- Mounting into panels with thickness up to 50 mm

72x24

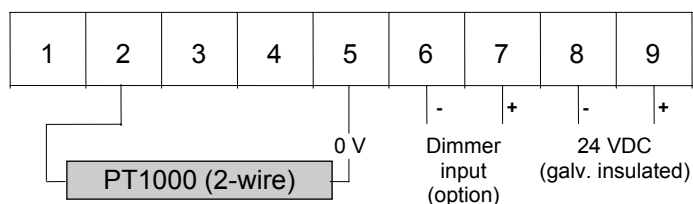
1888



ORDER NUMBER OF TYPE

2 wire **DT 3.602.576B (200°C)**

2 wire **DT 3.606.576B (600°C)**



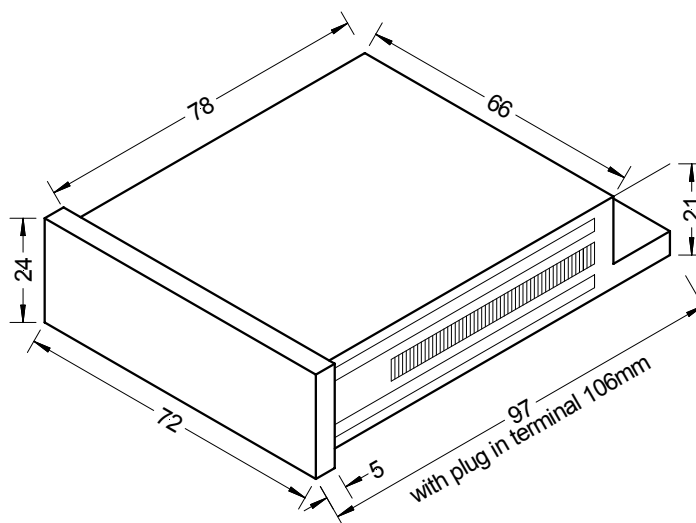
## Options

- Protection IP54 – screw terminal standard
- Protection IP65 – screw terminal standard
- Protection IP54 – plug in terminal
- Protection IP65 – plug in terminal
- Brightness control with DIM device

# Technical data, handling

<b>Dimensions</b>	Housing	72 x 24 x 99 mm (WxHxD), with screw terminal (D = 106 mm including plug in terminal)
	Assembly cut out	68 <sup>+0.7</sup> x 22,2 <sup>+0.3</sup> mm (WxH)
	Fastening	special quick plastic clamp proper to fix in wall thickness up to 50 mm
	Housing material	PC/ABS-plastics blend, colour black, UL94V-0
	Protective system	at the front IP40
	Weight	approx. 110 g
	Connection	at the rear side via terminals up to 2.5 mm <sup>2</sup>
<b>Input</b>	PT1000	2-wire
	Indication control	brightness control with DIM device (option)
<b>Type</b>		
<b>DT3.6x2.5xB</b>	Measuring range	-50.0 up to 199.9 °C
	Resolution	0.1 °C
<b>DT3.6x6.5xB</b>	Measuring range	-100 up to +600 °C
	Resolution	1 °C
	Sensor current	approx. 0.1 mA
<b>Accuracy</b>		
<b>Typ DT3.6xx.5xB</b>	Measuring fault	$R_L \leq 10 \Omega = +/-1K$ $R_L > 10 \Omega \leq 20 \Omega = +/-2K$
	Temp. drift	100 ppm/K
	Measuring principle	Dual-Slope-Integration
<b>Power unit</b>	Supply voltage	24 VDC +/-10% galvanic insulated
	Power consumption	approx. 2 VA
<b>Indication</b>	Display	LED with 7 segments, 14 mm high, red 3½ digits = indication 1999
	Indication time	1 second
	Line break	by showing „1“ on the fourth digit
<b>Ambient conditions</b>	Working temperature	0 up to + 60 °C
	Storing temperature	- 20 up to + 80 °C

## Housing



### CE-sign

For unlimited use of the instrument within the directives for electromagnetic compatibility 89/336/EC analogue input wires have to be used with shielded cable and cable's shield connected to earth ground at one end only.

## Setting

**The unit is adjusted ex works. Later adjustments are necessary in applications with long distance wiring only.**

1. Connect the instrument according to the wiring diagram and turn power on.
2. Setting of sensor and line balancing: Remove the front pane using the eject gap.
3. Connect PT1000 simulator and set temperature to 0°C.
4. If necessary deviations on the display have to be corrected with potentiometer for line balancing.