

## PPL-GMH-175 Precision Pt1000 Low Cost Thermometer



- 2 wire Pt1000 sensor input
- Measuring range of -199.9 to +199.9 °C
- Display in °C
- Suitable for use in cold stores down to -30 °C
- Simple operation
- Battery or mains power supply
- Standard battery offers up to 200 hours operation
- Range of hand held sensors available

### Specification:

Measuring range: -199,9 ... +199,9 °C

Resolution: 0,1°C

Accuracy: (at nominal temperature = 25°C)  
device: 0,1°C ± 1 digit (within range of: -70.0...+199.9°C)

Probe: Pt1000 probe, 2-wire, probe connection via 3.5 mm Ø jack connector.

Probes not included - please order separately!  
For suitable, volt-free sensors see below.

Display: 3½ digit LCD, approx. 13mm high

Working temperature: -30 to 45 °C (low temperature for use in cold storage rooms)

Storage temperature: -30 to +70 °C

Power supply: 9V battery type PP3 (included) as well as additional d.c. connector (internal pin Ø 1.9mm) for external 10.5-12V d.c power supply. (suitable power supply: PPL-GNG10/3000)

Battery service life: approx. 200 operating hours

Low battery warning: „BAT“ displayed automatically in case of low voltage

Dimensions: approx. 142 x 71 x 26 mm (H x W x D).  
Impact resistant ABS plastic case, front side IP65, integrated pop-up clip for table top or suspended use.

Weight: approx. 160 g (incl. battery)

### Accessories:

Suitable plug-in temperature probes:  
(Probes interchangeable without recalibration!)

PPL-GTF 175 immersion probe for liquids and aggressive gases

PPL-GES 175 insertion probe for soft media

PPL-GOF 175 surface probe for any solid surface

PPL-GLF 175 air/gas probe for clean media

PPL-ST-R1 device protection bag with cut-out for probe connection, suitable for PPL-GMH175

PPL-GB 9 V spare battery