



## Temperature measuring instrument TMD 9



### Benefits

- Short response time for measurements at cycles of a second
- Large TFT colour display (W x H: 45 x 60 mm) for simultaneous display of four measured values
- MicroSD card for system-independent storage of measurement logs (HTML format)
- Data logger function for long-term measurement
- Multifunctional use of temperature probes via type K socket
- Three magnets in protective housing for hands-free operation



**Bluetooth®**

### Application

For temperature measurement on surfaces, liquids, soft plastic media or in air and gases. Ideal also for differential temperature measurements, for example, flow and return temperature.

### Versions

	Part no.
Temperature measuring instrument TMD 9	P00099
	Blue part no. = in-stock items



## Technical specifications

**Measuring range**  
-50/+1,150 °C

**Resolution**  
0.1 °C

**Accuracy**  
± 1 K + 1 Digit (-50/+299.9 °C)  
± 1 % v. Mw. (300/1,150 °C)

**Operating temperature range**  
Ambient: 0/+40 °C  
Storage: -20/+50 °C

**Hours of operation (eco mode)**  
38 Stunden

**Weight**  
154 g

**Dimensions**  
W x H x D: 66 x 143 x 37 mm

**Degree of protection**  
IP 42 (EN 60529)

**Display**  
TFT colour display  
2.8"  
W x H: 45 x 60 mm

**Indication of measured values**  
°C or °F

**Probe connection**  
2 x socket type K

**Supply voltage**  
Lithium-ion battery (3.6 V/1,800 mAh)  
Power supply unit (mini USB)  
Battery or mains

**Data memory**  
MicroSD card

**Data logger**  
1-999 seconds, interval freely selectable

**Interfaces**  
Infrared,  
Bluetooth®,  
QR code generator,  
MicroSD card slot

**Approvals**  
EN 50379-1/-2

**Scope of delivery**

- Measuring instrument
- Power supply unit
- Charging cable USB-A - mini USB
- MicroSD card
- USB 2.0 SD card reader