



## 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



### 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