

## MD-T560 DIGITAL REMOTE THERMOMETER

### TECHNICAL CHARACTERISTICS:

- ✓ With 4–20mA current signal output
- ✓ Probe length and temperature range are selectable
- ✓ External power supply 12 ~ 28V
- ✓ High temperature accuracy
- ✓ Adopt 304SS shell, strong and sturdy
- ✓ Support temperature calibration and current calibration on site
- ✓ Measurement response speed is adjustable



MD-T560 digital remote thermometer is a thermometer with LCD digital display, built-in high-precision temperature sensor, it can accurately display the temperature in real time & can remotely transmit the temperature signal, with the characteristics of high accuracy and long-term stability.

This remote thermometer adopts LCD display with various functions such as Celsius / Fahrenheit switching, full-scale correction, and digital filtering. It is simple to operate and easy to install.

This product can measure water, oil, air and other non-corrosive stainless steel medium. The high-precision PT100 is used as the temperature measurement element. The measurement method adopts a temperature probe to contact and insert. The circuit compensates the operation temperature from 0 to 60 degrees

### APPLICATION:

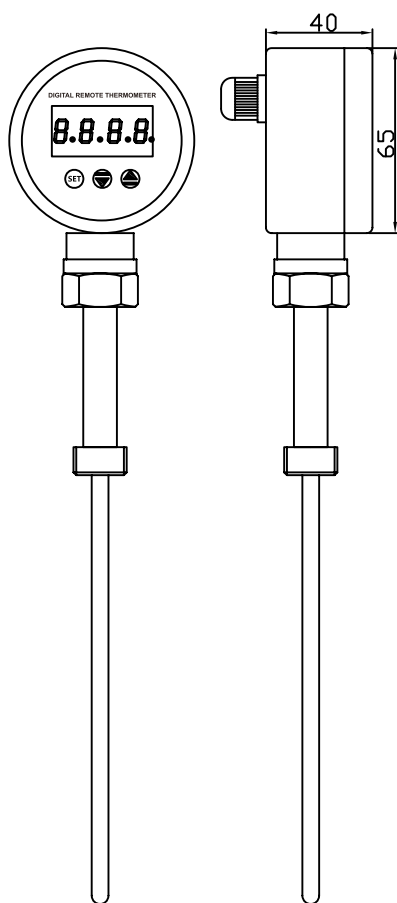
- ◇ Instrumentation supporting
- ◇ Laboratory
- ◇ Engineering machinery
- ◇ Automated production line
- ◇ Petrochemical
- ◇ Environmental monitoring

### SPECIFICATION:

Range	–50~300℃
Accuracy	± 0.5%FS, ± 0.25%FS, ± 0.1%FS
Long-term Stability	0.5%FS/Year
Power supply	12~28VDC (24VDC)
Output	4–20mA
Electrical Protection	Anti electromagnetic interference
Sampling Rate	01–20 adjustable
Load Impedance	≤ 500 Ω
Display Screen	4 digit LCD display
Backlight Color	White
Measurement Medium	Non-corrosive media such as air, water, oil
Shell material	Cast aluminum
Connector material	304 stainless steel (or customized)
Product Function	Digital filter adjustment, support customer site temperature calibration and current calibration
Operation Temperature	0~60℃
Storage Temperature	–40~125℃
Ambient Temperature	0~95%RH

**DIMENSION:**

UNIT:mm


**SELECTION GUIDE:**
**MD — T560 — (–50~300)°C — 2 — M20 — 6 — 25**
**MODEL:**

T560

**RANGE:**

–50~300°C

**ACCURACY:**

1(± 0.5°C) 2(± 0.25°C) 3(± 0.1°C)

**SCREW THREAD:**

M20 (M20\*1.5) G14 (G1/4)

G12 (G1/2) N12(NPT1/2)

N14(NPT1/4) M9(Customized)

**PROBE LENGTH:**

X(Length can be selected according to customer's requirement)

**PROBE DIAMETER:**

6 (6 mm diameter)

8 (8 mm diameter)

10 (10 mm diameter)

