

## MD-T2088 TEMPERATURE TRANSMITTER

### TECHNICAL CHARACTERISTICS:

- ✓ With 4–20mA signal output
- ✓ Optional probe length, optional temperature range
- ✓ External power supply 12~28V
- ✓ High temperature accuracy
- ✓ Adopt explosion-proof enclosure
- ✓ Support temperature calibration and current calibration on site
- ✓ Adjustable measurement response speed



MD-T2088 is a digital temperature transmitter with display, which built-in high-precision temperature sensor that can accurately display the temperature in real time. It can transmit the temperature signal remotely, with high precision and long-term stability. This temperature transmitter adopts LCD display screen, with various functions such as Celsius/Fahrenheit switching, full-scale correction, digital filtering, etc., simple operation and convenient installation.

This product can measure water, oil, air and other non-corrosive media to stainless steel. The high-precision PT100 is used as the temperature measurement element. The measurement method uses temperature probe contact insertion, and the circuit performs 0–60 ambient temperature compensation.

### APPLICATION:

- ◇ Instrumentation matching
- ◇ Automated production line
- ◇ Laboratory
- ◇ Petrochemical
- ◇ Construction machinery
- ◇ Environmental monitoring

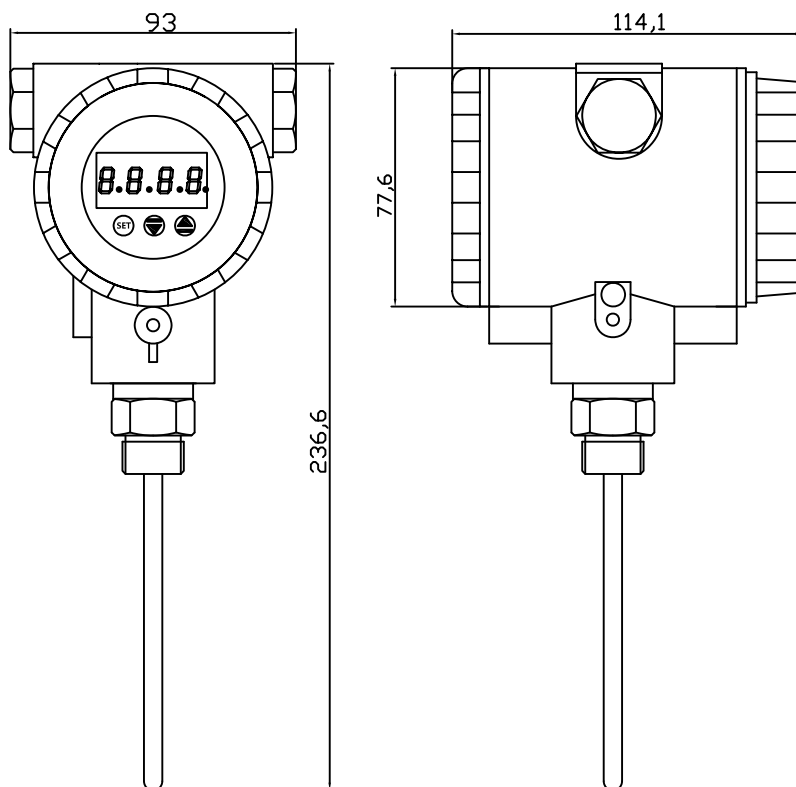
### SPECIFICATION:

Range	–50~300℃
Accuracy	± 0.5, ± 0.25, ± 0.1
Long-term Stability	0.5%FS/Year
Power supply	12~28VDC (24VDC)
Output	4–20mA
Load Impedance	≤ 500 Ω
Display Screen	4 digit LCD display
Backlight Color	White
Measuring medium	Air, water, oil and other non-corrosive media to stainless steel
Shell material	Cast aluminum
Connector material	304SS (or customized)
Product Features	Digital filter adjustment, Support customer site temperature calibration and current calibration



**DIMENSION:**

UNIT:mm


**SELECTION GUIDE:**
**MD - T2088 - (-50~300)°C - 1 - M20 - 6 - 25**
**MODEL:**

T2088

**RANGE:**

-50~300°C

**ACCURACY:**

1(±0.5°C)

2(±0.25°C)

3(±0.1°C)

**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)

**SCREW THREAD:**

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

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

N14(NPT1/4) M9(Customized)

