

# UNIJIN® Integral Temperature Transmitter

## Model: R910 - Series

### Service intended

Temperature transmitters are designed to fit into a standard molded terminal head used on RTD or thermocouple assemblies to provide a 4~20 mA transmission signal. It is a cost-effective solution for all temperature measuring processes. It is accurate, durable and reliable. Numerous configurations for measurements in many different medium are offered. Generally, the transmitter produces a linear 4~20 mA output carried on a two-wire system. The transmitter is supplied factory-calibrated, but also has zero and span potentiometers for a field adjustment.

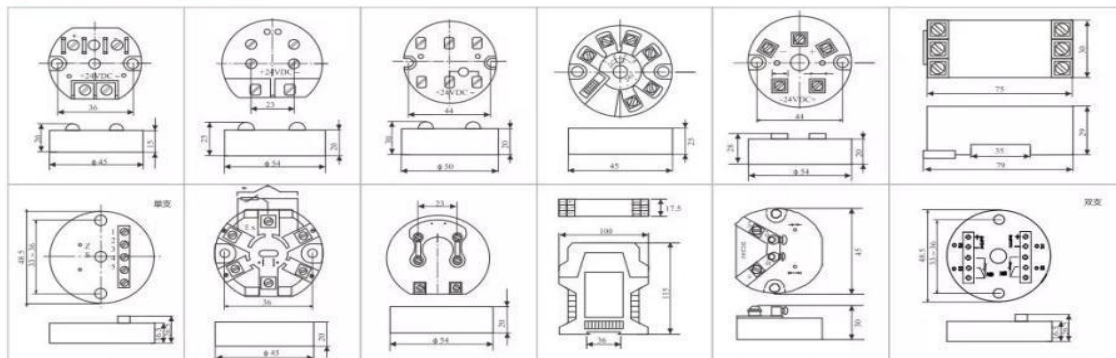
### Transmitter Module



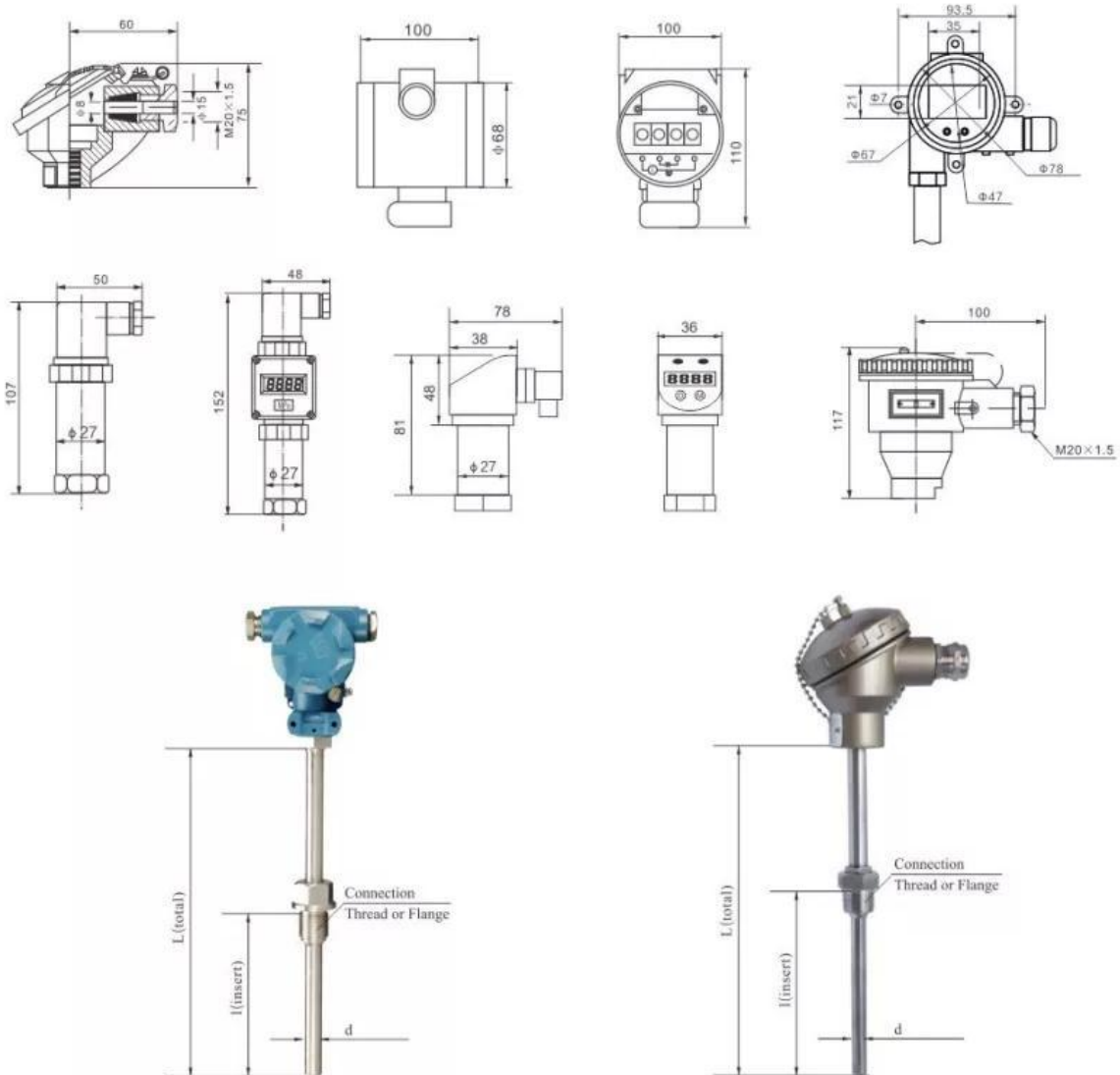
### Technical Parameter

- Accuracy:  $\pm 0.1\%F\cdot S$   
 $\pm 0.2\%F\cdot S$   
 $\pm 0.5\%F\cdot S$
- Output: 4...20mA
- Stability:  $\pm 0.5\%F\cdot S$  for 1 year
- Load resistance: 0...600 $\Omega$
- Power supply: 12 to 36VDC
- Ambient temp: -25 $^{\circ}C$ ...85 $^{\circ}C$
- Storage temp: -45 $^{\circ}C$ ...125 $^{\circ}C$
- Response time:  $\leq 10ms$
- Power consume: <0.5W (24VDC)
- Input: RTD/TC/mV
- RTD: Pt100 Pt500, Pt1000, 2-, 3- wires  
2xPt100, 2xPt500, 2xPt1000, 2-, 3- wires (such as pic7 )  
TC: K, J, T, E, M, S, B, R
- Internal cold junction for TC
- The range can be customized
- Galvanic isolation: 1500VAC(optional) (such as pic10)

### Dimensions



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**Order information :** model / output signal / input sensor / measurement range / stem / connection / option

**Sample order :** R910 / 4~20mA / pt100 / 0+100C / L=150mm / 1/2"NPT-M /  $\pm 0.2\%$  acc



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