

○ SPT350K SANITARY PRESSURE TRANSMITTER



- Industrial gauge and absolute pressure measurement
- **Measured range: 0-100Mpa**
- **Process temperature: -20 to 80°C**
- High accuracy: $\pm 0.5\%$
- Stability: 0.25%FS/ year
- Temperature effect: $\pm 1.0\%$ FS
- **Output: 4-20mA(2 wire); 1-5VDC, 0-5VDC (3 wire)**
- **Diagram and process connection material: 316SS**
- Process Connection: M20x1.5, 1/2"NPT, 1/4"NPT etc
- Electrical connection: cable, Hirschman plug, air plug
- Protection class: IP65
- Intrinsically safe type: Exia CT4
- Explosion proof: Exide CT4

○ PTT213 SMART TEMPERATURE TRANSMITTER



Head mounted temperature transmitter is used for resistance thermometer (RTD), thermocouple (TC), Resistance transmitter, voltage (mV) signal input, two wire 4-20mA analog output, mounted inside transmitter

Technical Parameters :

- Output Signal: 4-20mA
- Max Load : max. (V power supply-7.5V)/0.022A (current output)
- Measurement: temperature-linearity, resistance-linearity, voltage-linearity
- Circuit limit: $\leq 22\text{Ma}$
- Response time: $\leq 1\text{second}$
- Saturation current: Low side 3.9mA, high side 20.5Ma
- Alarm current: sensor damager or sensor turnoff output is 3.9mA or 22mA(except TC)
- Accuracy: 0.1%FS
- Measuring accuracy is related to measuring rang
- Power supply: $U=12\text{V}$ to 40V
- Working temperature: -40 to 85°C
- Storage temperature: -40 to 100°C
- Condensation: Allowable
- Protection: IP00; IP66 (mounted)
- Earthquake resistance: 4g/2 to 150HZ
- Voltage efficiency: can ignore
- Mounted angle: no limit
- Mount area: top of B type box

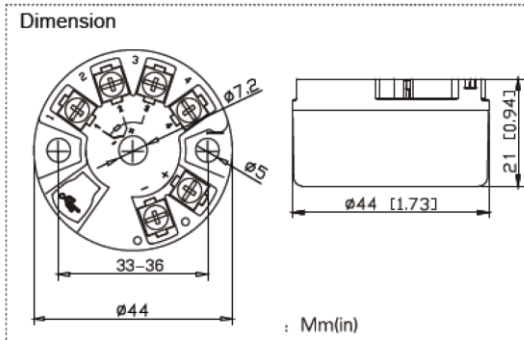
Function

- Transfer various kinds of input signal into 4-20mA output
- Input: RTD, Thermocouple
- Configuration by PC
- 2 kinds of resistance thermometer input (RTD)
- 8 kinds of thermocouple (TC)
- Built-in cold junction compensation

Input

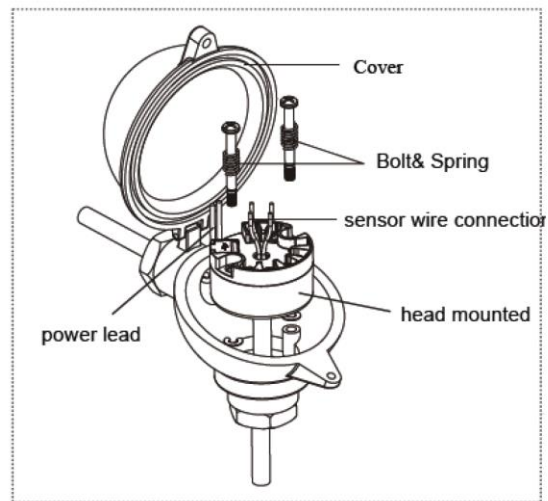
Model	Type	Measuring Range	Min Range
RTD	Pt100	-200 to 600°C	10K
	Cu50	-50 to 150°C	10K
TC	B	400 to 1820°C	500K
	E	-100 to 1000°C	50K
	J	-100 to 1200°C	50K
	K	-180 to 1372°C	50K
	N	-180 to 1300°C	50K
	R	-50 to 1760°C	500K
	T	-200 to 400°C	50K

Dimension



Installation

Configuration



Wire Connection

