

Description

The PT124Y-615T capillary melt pressure gauge with signal output features diaphragm isolation, on-site pressure pointer indication, and a dial that can be installed in either direction. The gauge case can be adjusted 360° for optimal viewing angle. It is equipped with a temperature sensor, enabling simultaneous temperature and pressure measurement. The instrument features high-precision pressure and temperature sensors with standard industrial signal output.

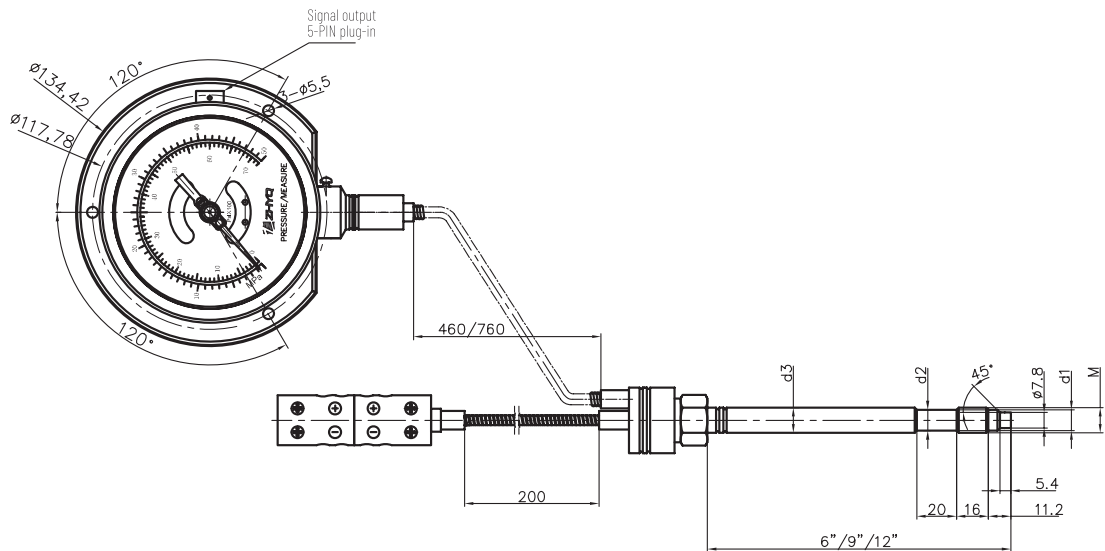
Features

- High cost-performance ratio, long service life
- Stainless steel encapsulation
- Low temperature drift, high precision, accurate measurement
- Good stability, high reliability
- Available with industrial standard output signals
- It can achieve simultaneous measurement of pressure and temperature.

Applications

- Chemical fiber equipment
- Plastic and rubber manufacturing equipment
- Polyester, petrochemical, and steam equipment
- Pressure measurement and control of various high-temperature fluids

Dimensions



Parameters

Pressure range	0~5MPa~150MPa	
Overload	150%FS	
Power supply	24(12~36V) DC	5-12V DC
Signal output	4-20mA ; 0~10V	2mV/V ; 3.33mV/V
Display mode	Pointer	
Pointer accuracy	±1.6%FS ; ±2.5%FS	
Signal accuracy	±1%FS ; ±1.5%FS	
Dial diameter	100mm	
Operating temperature	Max 400°C	
Rigid stem length	152 ; 200 ; 250 ; 305 ; 350 ; 400mm	
Capillary length	460 ; 760 ; 1000 ; 1500 ; 2000mm	
Temperature measuring element	J、 K、 E、 PT100(optional)	
Electrical Connection	6PIN ; 5PIN	
Process connection	1/2"-20UNF ; M14*1.5 ; M18*1.5 ; M22*1.5 (custom made)	



Installation dimensions diagram

Flat surface seal	D1	M18×1.5	M22×1.5	G3/8"	G3/4"
	D2	Φ10.2	Φ16.1	Φ10.2	Φ18.3
	D3	Φ15.5	Φ20.1	Φ14.5	Φ24.2
	M	Φ19	Φ23	Φ17	Φ28
	A	11	11	9	11
	B	13	13	10	14
	C	40	25	25	40
45° bevel seal	D1	M12×1.5	M14×1.5	1/2-20UNF	M18×1.5
	D2	Φ8.1	Φ8.1	Φ8.1	Φ10.2
	D3	Φ10.8	Φ12.5	Φ11	Φ15.5
	D4	Φ13	Φ15	Φ14	Φ19
	A	6	6	6	6
	B	9	9	9	11
	C	16	16	16	20



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