

Melt Pressure Transducer

Model: PT124B-113/113T (Sanitary)



Description

PT124B-113/113T Series Melt Pressure Transducer (rigid stem & sanitary) can measure the pressure and temperature in one point, which can be widely used in Medicine & Food process equipment. The model PT124B-113T is with thermocouple. Zero & span can be adjustable; with amplified signal can be connected with PLC. It has the advantages of high precision and reliable, good quality, internal 80% calibration.

Application

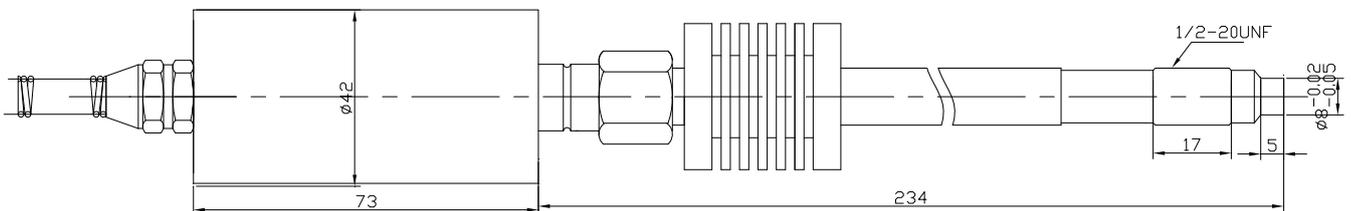
- ◆ Chemical fiber Equipment
- ◆ Plastic and Rubber manufacturing equipment
- ◆ Medicine & Food process equipment, etc
- ◆ Other pressure measure and control

Feature

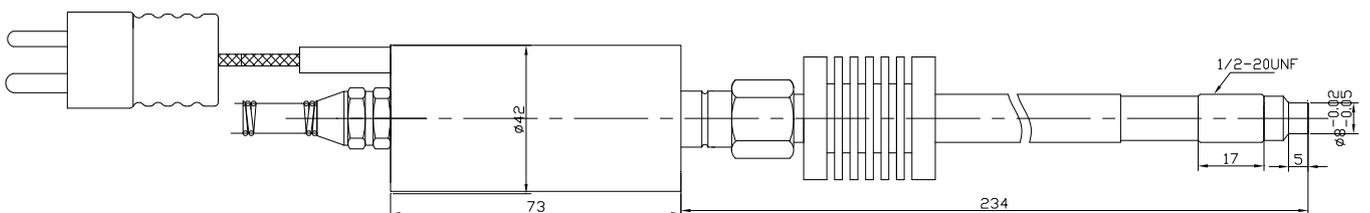
- ◆ High-standard quality
- ◆ Stainless steel welding
- ◆ Simple installation
- ◆ Adopt environmental and non-toxic material
- ◆ 80% internal calibration
- ◆ Excellent stability and repeatability



Dimension



PT124B-113



PT124B-113T

Specification

Range:	0...1Mpa to 0...150MPa
Output:	0~5V; 0~10V; 4~20mA; 2mV/V; 3.33mV/V
Accuracy:	±1%FS
Input Voltage:	24VDC (12~36)VDC; 10VDC
Repeatability:	±0.2%
Construction:	Wheatstone bridge
Bridge resistance:	350 ohms±10%
Overload pressure:	1.5×FSO
Internal calibration:	80%±1%
Insulation Resistance:	1000Megohms @50Vdc
Max Diaphragm Temp:	260°C
Thermocouple type:	J,K,E,PT100 optional (PT124B-113T)
Electric connector:	5Pin, 6Pin
Process connector:	1/2"-20UNF, M14×1.5, M18×1.5 (Customer design)

Mounting Hole

<p>Planar Sealed</p>	D1	M22×1.5	M28×1.5	G3/4"	PT3/8"
	D2	Φ16.1	Φ18.3	Φ18.3	Φ10.3
	D3	Φ20.1	Φ26.1	Φ24.2	Φ14.9
	M	Φ23	Φ30	Φ21	Φ11
	A	11	12	12	14
	B	12	15	15	19
	C	40	35	35	40
	<p>45° Slope Sealed</p>	D1	M12×1.5	M14×1.5	1/2-20UNF
D2		Φ8	Φ8	Φ8	Φ10.1
D3		Φ10.8	Φ12.5	Φ11.5	Φ16.1
D4		Φ12.5	Φ14.5	Φ13.1	Φ20
A		6	6	6	6.5
B		9	9.5	9.5	10

Ordering Guide

Model	Range(bar)	Output	Screw Thread	Electric connection	Other requirement
PT124B-113/113T	---	---	---	---	---
Example: PT124B-113-500Bar-4/20mA-1/2-20UNF-6Pin					

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