

Melt Pressure Transmitter

Model: PT124B-125T (Explosion proof)



Description

PT124B-125T Series Melt Pressure Transmitter adopts intrinsic safety explosive proof and welded construction and has wide application in melt pressure measuring in the dangerous occasion of easy-to- combustion and easy-to-explosion. This model is with thermocouple which can measure the pressure and temperature in one point . it has the character of explosion proof, abrasion resistance, low thermal draft, high accuracy, excellent anti-jamming capability, etc. It is suitable for pressure and temperature measuring and controlling in melt liquid medium for Rubber and Plastic machinery, chemical fiber, steam, petro Chemical Machinery and so on.

Application

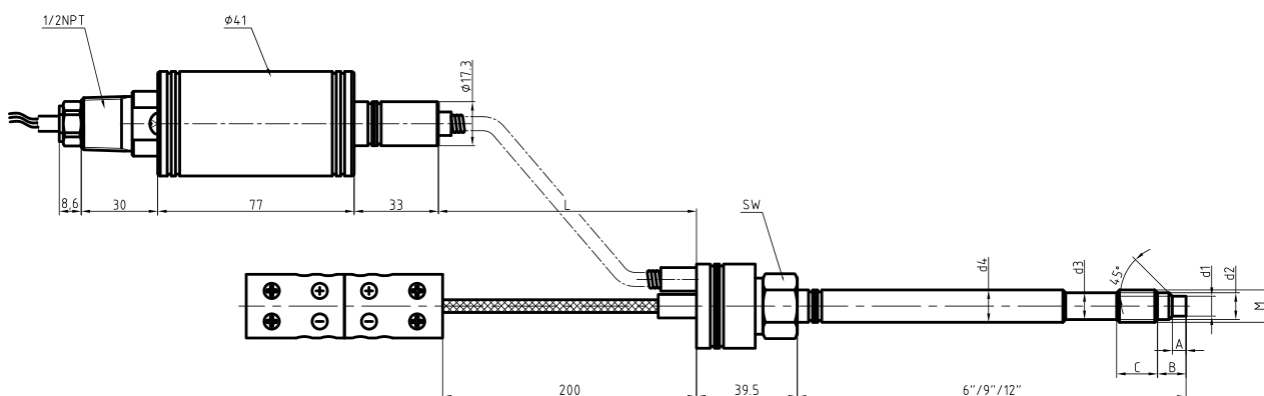
- ◆ Chemical fiber equipment
- ◆ Plastic and rubber manufacturing equipment
- ◆ Vapor, petro chemical Industry
- ◆ Other pressure measure and control

Feature

- ◆ High-standard quality
- ◆ Stainless steel Seal
- ◆ Simple Installation
- ◆ 80% inner calibration
- ◆ Excellent stability and repetition
- ◆ can measure the pressure and temperature in one point



Dimension



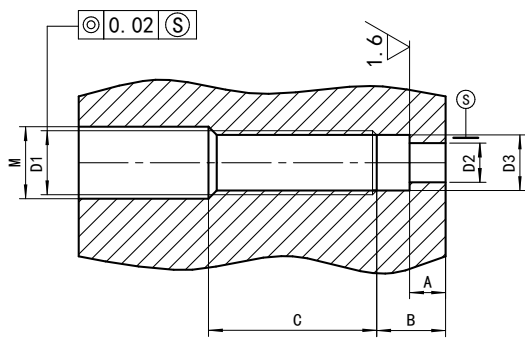
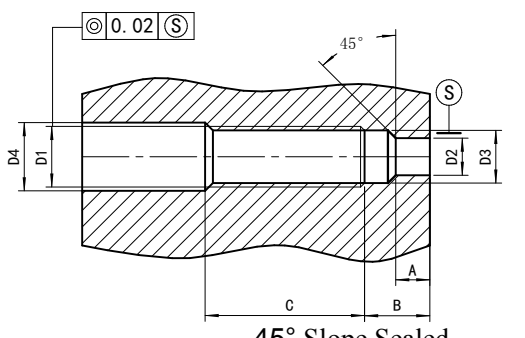
Wiring code

Output	4/20mA		2mV/V, 3.33mV/V, 0-10V	
Wiring	E+	Red	E+	Red
	S+	Blue	S +	Blue
	CAL	Yellow	S -	White
	CAL	Black	E -	Yellow
	/	/	CAL	Black

Specification

Range:	0...3.5MPa to 0...150MPa
Output:	0~5V; 0~10V; 4-20mA
Accuracy:	±0.5%FS; ±1%FS
Input voltage:	24VDC
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:	0~450°C
Electric connector:	1/2NPT conduit with leads
Process connector:	1/2"-20UNF, M14×1.5, M18×1.5 (customer design)
Thermocouple type	J, K, E & PT100 optional
Diaphragm material	15-5PH, INCONEL and HASTELLOY-C optional

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	M18×1.5
	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	Rigid & flexible length (inch)	Screw Thread	Accuracy	Thermocouple	Others
PT124B-125T	---	---		---	---	----	---
Example: PT124B-125T-500Bar-4/20mA-6/18"-1/2-20UNF-0.5%-J							

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