

Melt Pressure Transmitter

Model: PT124B-129T (with LCD display)



Description

PT124B-129T Series Intelligent Melt Pressure Transducer (Flexible stem) , it with thermocouple which can measure the pressure and temperature in one point . this series is a high-accuracy and high-stability pressure instrument designed by digital circuit compensation technology with LCD display and explosion-proof housing, it's specially used in the occasion of 4~20 mA (2 wire) with Hart protocol optional. It is used in the equipment of chemical fiber, polyester, and other pressure measuring and controlling of melt fluid medium.

Application

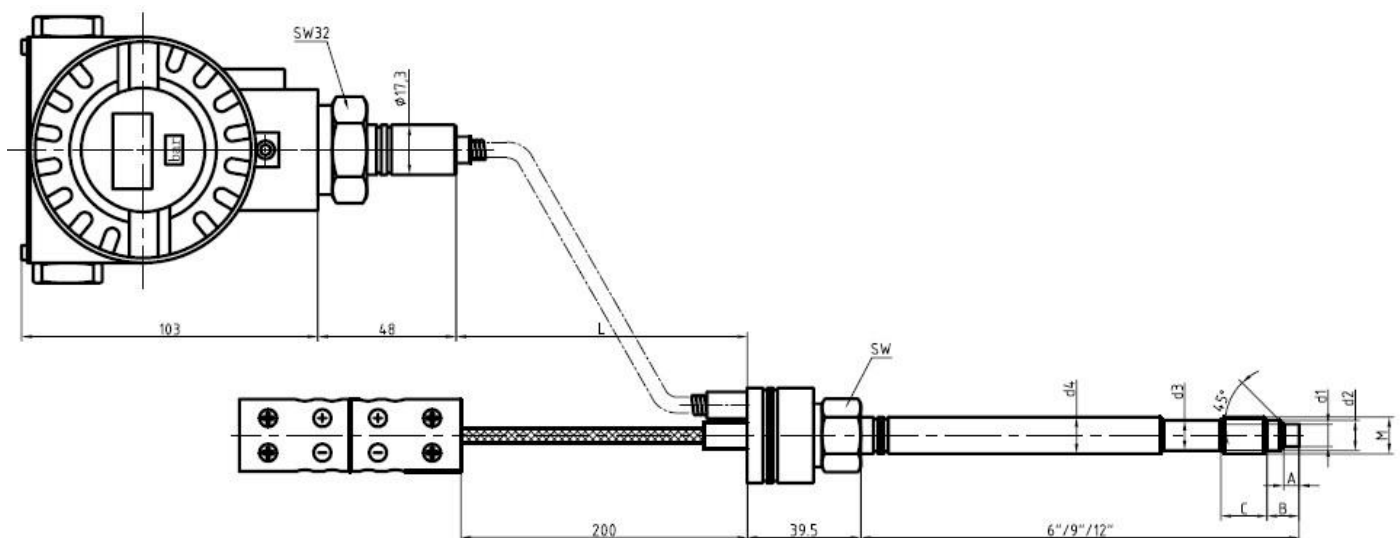
- ☒ Chemical fiber equipment
- ☒ Plastic extruder equipment
- ☒ Polyester equipment
- ☒ Other pressure measurement and Control

Feature

- ☒ High-standard quality
- ☒ Explosion-proof housing ,
- ☒ With LED Local display
- ☒ Simple installation
- ☒ Internal 80% calibration
- ☒ Excellent stability and repeatable
- ☒ Can measure the pressure and temperature in one point



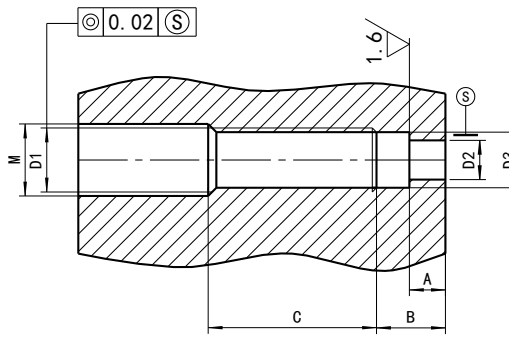
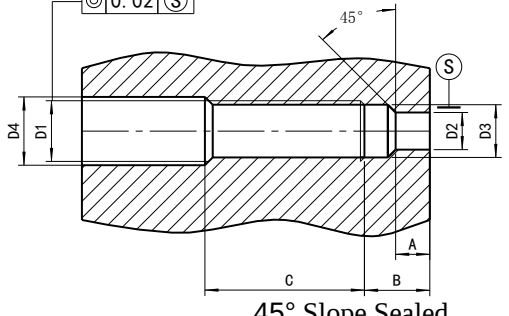
Dimension



Specification

Range:	0...1MPa to 0...150MPa
Output:	4~20mA; HART or RS485
Accuracy:	±0.25%FS; ±0.5%FS
Input voltage:	24 (12~36) VDC
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:	0~400℃
Electric connector:	wiring terminal
Process connector:	1/2"-20UNF, M14×1.5, M18×1.5 (Option)
Thermocouple type:	J,K,E,PT100 Optional

Mounting Hole

 Planar Sealed	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
 45° Slope Sealed	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
	C				

Ordering Guide

Model	Range (bar)	Output	Screw Thread	Rigid/ Flexible Length	Thermo Type	Electric Connector	Accuracy	Others
PT124B-129T	---	---	---	----	---	---		---
Example: PT124B-129T-500Bar-4-20mA-1/2-20UNF-6/18"-J-0.5%FS								

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