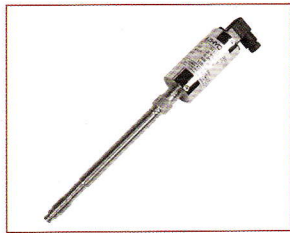




Smart melt pressure transmitter PT124B-115, PT124B-129/129T

Description

PT124B-115, PT124B-129/129T Series smart melt Pressure Transducer, The model PT124B-129T with thermocouple, which can measure the pressure and temperature at one point. The model PT124B-129/129T design with LCD display, it can local display the measuring data. This series adopts special construction design and excellent alloy elastic membrane to make its life-span ten times than the traditional diaphragm's. Consummate encapsulation technology and perfect assembly process insure the products' quality and high performance. It has the wide application in plastic extrusion, chemical & fiber industry, polyester industry, etc.



PT124B-115



PT124B-129



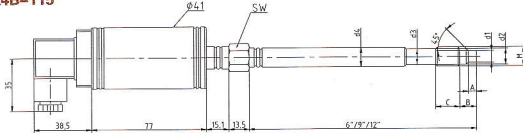
PT124B-129T

Application

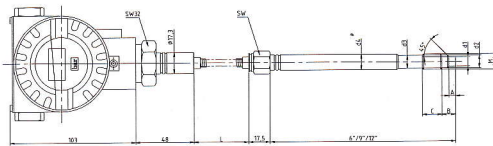
It has the wide application in plastic extrusion, chemical & fiber industry, polyester industry, etc.

Dimensions

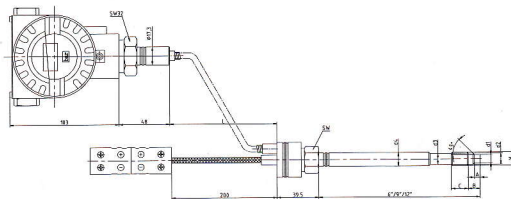
PT124B-115



PT124B-129



PT124B-129T



M	d1	d2	d3	d4	A	B	C	SW	6"	9"	12"	L	
M3-20UNF	φ8.5	φ10.5	φ12.7					16	16	152	230	385	460, 760
M14-1.5	φ7.8	φ11.8	φ11.8	φ12.5	5.4	11.2		16	16	152	230	385	460, 760
M18-1.5	φ9.8	φ15		φ15.5				20	22				

Ordering Guide

Model	Range(bar)	Output	Screw Thread	Electric connection	Other requirement
PT124B-115 PT124B-129/129T	---	---	---	---	---
Example: PT124B-115-500Bar-1/2-20UNF					

Specifications

- Pressure range: 0-1MPa...0-150MPa (0-150psi...0-3000psi)
- Over Pressure: 1.5 X FSO
- Combined Error: $\pm 0.5\%$ FSO (Including Linearity, Repeatability & Hysteresis)
- Output: 3.33 mV/V, 2mV/V; 4-20mA, 0-10V, 0-5V
- Input Voltage: 10VDC, 24VDC
- Repeatability: $\pm 0.2\%$ FSO
- Bridge Resistance: Input: 345 Ohms minimum
Output: 350 Ohms $\pm 10\%$
- Internal Shunt Calibration (R-Cal): 80% FSO $\pm 1\%$
- Insulation Resistance: 200 megohms @ 100 Vdc
- Max Diaphragm Temperature: 400°C
- Mounting Torque: 500 inch/lbs. maximum
- Standard Wetted Parts: Diaphragm coated 15-5 PH SST
- Thermocouple type: J, K, E, Pt100 (PT124B-129T)
- Process connector: Flange mounting