

Melt pressure transmitter

Economic melt pressure transmitter PT124B-111/111T, PT124B-121/121T

Description

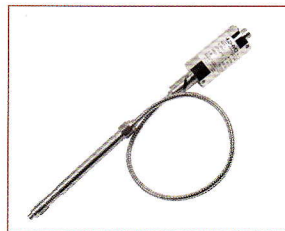
PT124B-111/111T, PT124B-121/121T Series Economic melt Pressure Transducer designed for economic applications. The model PT124B-111T and PT124B-121T is with thermocouple, which can measure the pressure and temperature at one point. This series can be used together with the PY Series Intelligent Digital Pressure Instrument of ZHYQ or other brand instrumentation. Zero & full span can be adjustable, with amplify signal can be connected with PLC. With the advantage of high precision and reliable pressure measuring and good quality, internal 80% calibration and etc.



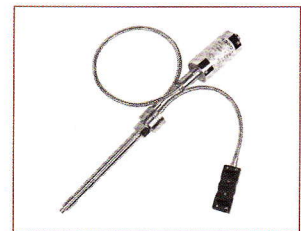
PT124B-111



PT124B-111T



PT124B-121



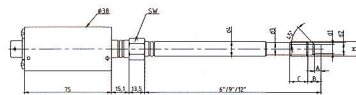
PT124B-121T

Application

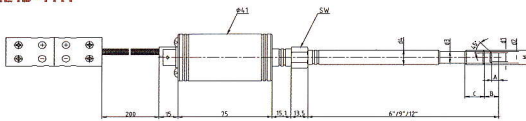
It can be widely used in various plastic extrusion line for pressure measuring and control, such as chemical fibre manufacturing equipment, plastic rubber machine, polyester equipment and petrochemical.

Dimensions

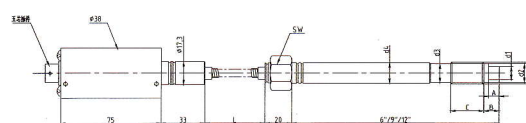
PT124B-111



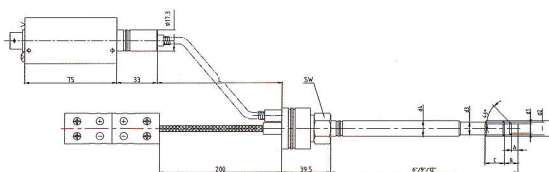
PT124B-111T



PT124B-121



PT124B-121T



M	d1	d2	d3	d4	A	B	C	SW	6"	9"	12"
1/2-20UNF	φ7.8	φ10.5	φ10.5	φ12.7							
M14×1.5	φ11.8	φ11.8	φ11.8	φ13.5	5.4	11.2	16	16	152	238	305
M18×1.5	φ9.8	φ15		φ15.5			20	22			

Ordering Guide

Model	Range(bar)	Output	Screw Thread	Electric connection	Other requirement
PT124B-111/111T PT124B-121/121T	---	---	---	---	---
Example: PT124B-111-500Bar-4/20mA-1/2-20UNF-5PIN					

Specifications

- **Pressure range** : 0-3.5MPa...0-150MPa
(0-500psi...0-30000psi)
- **Over Pressure**: 1.5 X FSO
- **Combined Error**: ± 1.0% FSO, ± 1.5% FSO
(Including Linearity, Repeatability & Hysteresis)
- **Output**: 3.33 mV/V, 2mV/V; 4-20mA, 0-10V, 0-5V
- **Input Voltage**: 10VDC; 24VDC
- **Repeatability**: +/- 0.2%FSO
- **Bridge Resistance**: Input: 345 Ohms minimum
Output: 350 Ohms +/- 10%
- **Internal Shunt Calibration (R-Cal)**: 80% FSO +/- 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-111T, PT124B-121T)
- **Electrical connector**: 5PIN connector
- **Process connector**: M14 x 1.5, M18 x 1.5 Optional