

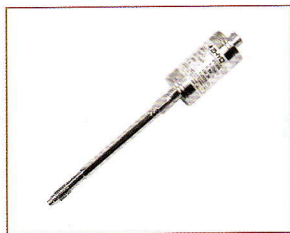


# Oil filled melt pressure transmitter

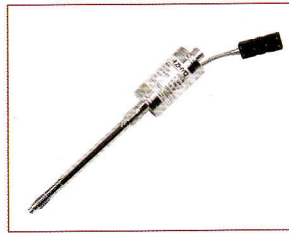
## PT124B-1120/1120T, PT124B-1230/1230T

### Description

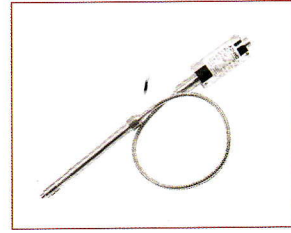
PT124B-1120/1120T, PT124B-1230/1230T Series melt pressure transmitter uses an alternate fill that meets the requirements of the FDA to allow accurate pressure measurements in processes where mercury is not allowed. These series are the ideal units for medical and food packaging, food extrusion and medical applications. The units PT124B-1120T and PT124B-1230T with thermocouple, which can measure the pressure and temperature at one point.



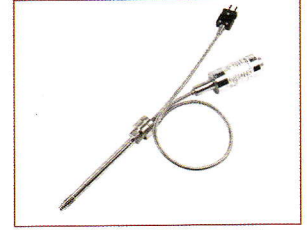
PT124B-1120



PT124B-1120T



PT124B-1230



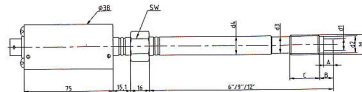
PT124B-1230T

### Application

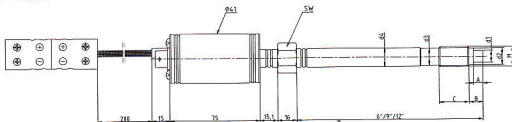
It can be used in medical and food packaging, food extrusion and medical applications.

### Dimensions

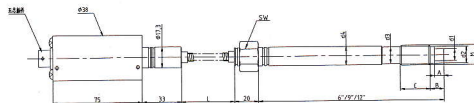
PT124B-112



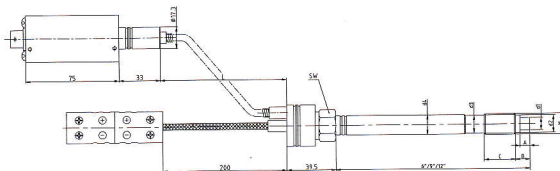
PT124B-112T



PT124B-123



PT124B-123T



IM	d1	d2	d3	d4	A	B	C	CS	SW	69"	92"	10"
1000000	0.75	0.875	1.0	1.125	1.25	1.5	1.75	2.0	2.2	16	152	2305
1000000	0.75	0.875	1.0	1.125	1.25	1.5	1.75	2.0	2.2	16	152	2305
1000000	0.75	0.875	1.0	1.125	1.25	1.5	1.75	2.0	2.2	16	152	2305

### Ordering Guide

Model	Range(bar)	Output	Screw Thread	Electric connection	Other requirement
PT124B-1120/1120T PT124B-1230/1230T	---	---	---	---	---
Example: PT124B-1230-500Bar-4/20mA-1/2-20UNF-6PIN					

### Specifications

- Pressure range: 0-3.5MPa...0-150MPa (0-500psi...0-3000psi)
- Over Pressure: 1.5 X FSO
- Combined Error:  $\pm 0.5\%$  FSO (Including Linearity, Repeatability & Hysteresis)
- Output: 4-20mA
- Input Voltage: 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: 350°C
- Mounting Torque: 500 inch/lbs. maximum
- Standard Wetted Parts: Diaphragm coated 15-5 PH SST
- Thermocouple type: J, K, E, Pt100 (PT124B-1120T, PT124B-1230T)
- Process connector: 1/2" -20UNF, M14 x 1.5, M18 x 1.5 Optional