

Melt pressure transmitter

Melt pressure transmitter design for sanitary application

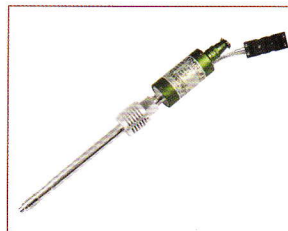
PT124B-113/113T, PT124B-122/122T

Description

PT124B-113/113T, PT124B-122/122T Series Melt pressure transmitter design for sanitary application, PT124B-113T and PT124B-122T with thermocouple, which can measure the pressure and temperature in one point. Zero & full span can be adjustable, amplified signal can be connected with PLC, internal 80% calibration, perfect stability, anti-jamming. This series is widely used in the worldwide, with the advantage of reliable, high performance, and mercury free and silicone oil free.



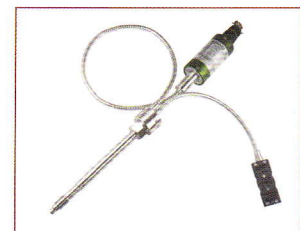
PT124B-113



PT124B-113T



PT124B-122



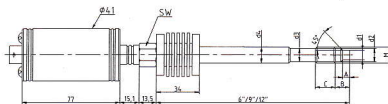
PT124B-122T

Application

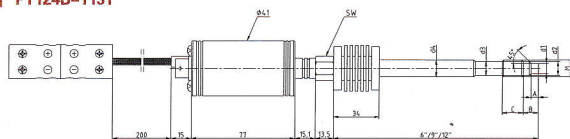
It has the wide application in Medicine & Food process equipment, drinking water environmental monitoring. It has the wide applications, with the advantage of precision and reliable pressure measuring and high-standard quality.

Dimensions

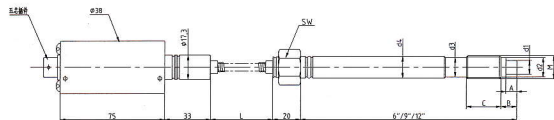
PT124B-113



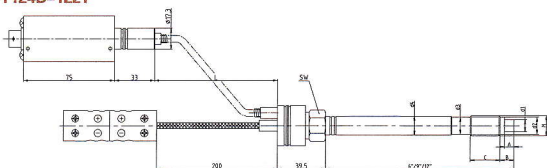
PT124B-113T



PT124B-122



PT124B-122T



| M | d1 | d2 | d3 | d4 | A | B | C | SW | 6" | 9" | 12" | L |
|---------|-------|-------|-------|-------|-----|------|-----|----|-----|-----|-----|----------|
| M18x1.5 | ø9.8 | ø15 | ø15.5 | ø15.5 | 10 | 15 | 4.0 | | | | | 460, 760 |
| M22x1.5 | ø15.6 | ø19.5 | ø19.5 | ø19.5 | 10 | 15.5 | 25 | 22 | 152 | 230 | 305 | 760 |
| G3/8 | ø9.8 | ø14 | ø14 | ø15.5 | 7.9 | 11.5 | 25 | | | | | 460 |

Ordering Guide

| Model | Range(bar) | Output | Screw Thread | Electric connection | Other requirement |
|------------------------------------|------------|--------|--------------|---------------------|-------------------|
| PT124B-113/113T PT124B-122/122T | --- | --- | --- | --- | --- |

Example: PT124B-113-500Bar-4/20mA-1/2-20UNF-6Pin

Specifications

- **Pressure range:** 0-1MPa...0-150MPa (0-150psi...0-30000psi)
- **Over Pressure:** 1.5 X FSO
- **Combined Error:** ± 0.5% FSO, ± 1.0% 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-113T, PT124B-122T)
- **Process connector:** 1/2" -20UNF, M14 x 1.5, M18 x 1.5 Optional