

BPHT24 Pressure transmitter

Description

BPHT24 pressure transmitter uses HT series piezoresistive silicon oil-filled sensor which have flush diaphragm as sensing element. Output signal transferred to standard output signal via integrated amplify circuit. Mainly apply in the fields those require high sanitary conditions.

Feature



- ✧ Wide range, full stainless steel, Flush diaphragm.
- ✧ Various output signal
- ✧ Scene adjustable
- ✧ Protection: IP65
- ✧ Marking:ExialICT6;
- ✧ CE certification



Application

- ✧ Compatible with 316LSS,noncorrosive gases & liquids
- ✧ Apply in fields of medical treatment, biological products, food sanitation.

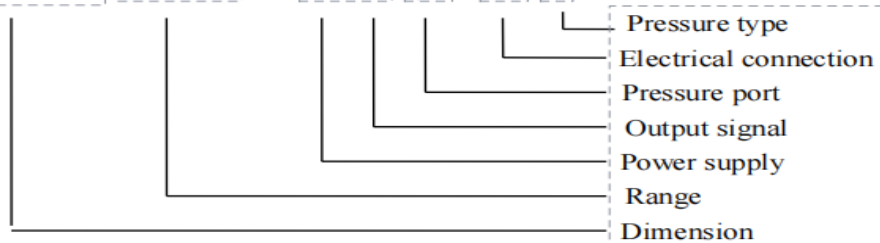
Specification

Measurement Range	0~35KPa. . . ~20MPa
Proof pressure	$\leq 1.5X$ rated pressure or 110MPa which ever is less
Pressure type	Gauge, absolute ,sealed gauge
Accuracy	$\pm 0.25\%$ (Typical) $\pm 0.5\%$ (Max.)
Long term stability	$\pm 0.1\%$ F.S/year (Typical) $\pm 0.2\%$ F.S/year (Max.)
Temperature Error- Zero	$\pm 0.03\%$ F.S/ $^{\circ}\text{C}$ ($\leq 100\text{KPa}$) $\pm 0.02\%$ F.S/ $^{\circ}\text{C}$ ($> 100\text{KPa}$)
Temperature Error -Span	$\pm 0.03\%$ F.S/ $^{\circ}\text{C}$ ($\leq 100\text{KPa}$) $\pm 0.02\%$ F.S/ $^{\circ}\text{C}$ ($> 100\text{KPa}$)
Operating Temperature Range	$-20^{\circ}\text{C} \sim 80^{\circ}\text{C}$
Storage Temperature Range	$-40^{\circ}\text{C} \sim 120^{\circ}\text{C}$
Power supply	15~28VDC
Output signal	4~20mA 0~10/20mA 0/1~5VDC
Pressure port	M20×1.5 G1/2
Housing material	1Cr18Ni9Ti stainless steel
Diaphragm material	316L
O-ring	Fluororubber
Cable	Polyethylene
Insulation resistance	100M Ω 100VDC
Protection	IP65

Ordering example

BPHT241 0~1MPa

D1 S1 J2 B1 G



Dimension

