

Model FZ-PT100/PT200 Economic Pressure Transducers/Transmitters

Based on FUZYPRO's silicon dies technology, FZ-PT100/PT200 are designed for a wide range pressure measuring. The transducers/ transmitters are made 100% from stainless steel or die-casting aluminum in mass production. It can be used at many kinds me mechanical equipments, widely used in fluid machinery such as pump and compressor, food and beverage industry, heat ventilation, air conditioning and refrigerating system construction machinery etc.

With the all welded constructions, transducers/transmitters can be specially used in some flammable environments.

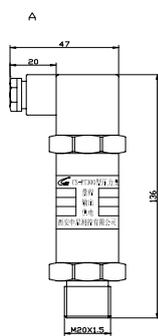
The output of pressure transducers is mili-volts, and the transmitters is amplified signal, such as 4/20mA, 0/5V , 1/5V,0/10V or 1/10V.



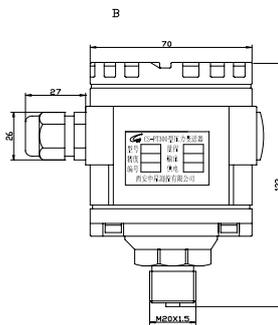
Feature:

- wide measuring ranges from -1/0bar to 0/350bar
- measuring accuracy of 0.2%FS, and 0.5%FS optional
- 100% made from stainless steel, or die-casting aluminum
- low cost, simple installation
- core elements adopt high performance oiled diffusion silicon

Dimension:



FZ-PT100



FZ-PT200

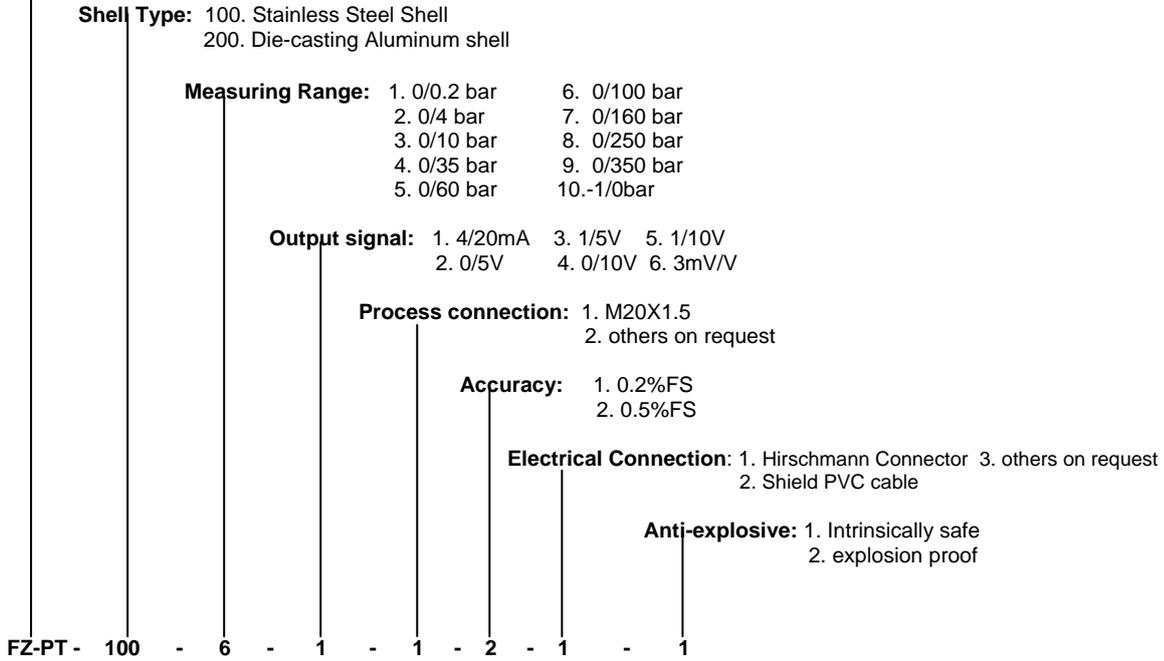
Specifications:

Measurement Range:	-1/0bar, 0 /2bar, 0/4bar, 0/10bar, 0/35bar, 0/60bar, 0/100bar, 0/160bar, 0/250bar, 0/350b also available in PSI
Pressure type:	Gauge Pressure
Accuracy:	0.2%FS, 0.5 %F.S. (including linearity, repeatability and hysteresis)
Compensation Temperature:	-10℃ to +100℃
Operating Temperature:	-40℃ to +85℃
Allowable Overpressure:	2.5 times Full Scale
Long term stability:	±0.2 %F.S./year
Response Time:	10 ms
Output Signal:	4 to 20 mA (two-wire type) , 0 to 5V(three-wire type) , 1 to 5V, 0 to 10V, 1 to 10V, 3mV/V
Power Supply:	24 Vdc±10%
Anti-explosive	Ex-ia or Ex-ib (intrinsically safe) or Ex-d (explosion proof)
Pressure Connection :	M 20 x 1.5(customizable), others on request

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Ordering code:

Model: FZ-PT Economic pressure transducers/transmitters



Order Code example: FZ-PT100- 1- 6 -1- 1- 2 - 1-1

FZ-PT Economic pressure transmitters with stainless steel shell, measuring range 0/100bar, output signal 4/20mA, process thread M20X1.5, combined error 0.5%FS, Hirschmann connector, Intrinsically safe.

FUZYPRO
