



### PT311JA

(Bulletin 300-2)

Flush diaphragm for easy cleaning or high-frequency response requirements.



### PT370DHF

(Bulletin 300-11DHF)

High accuracy, 0.25% full scale. Excellent long-term stability.



### STD

(Bulletin 300-17)

For high pressure requirements to 50,000 psi full scale.



### STD-H

(Bulletin 300-17)

For high pressure applications to 50,000 psi or high temperature applications to 425°F.

0-15, 25, 50, 100, 250, 500, 1000, 1500, 2000, 2500, 5000, 10,000 PSIG or PSIA

Twice rated pressure without damage. 25,000 PSI maximum for 15,000 and 20,000 PSI ranges.

Four times rated pressure minimum

17-4 PH Stainless Steel

8 ounces

250 PSI and below:  
2500 Hz minimum.  
Above 250 PSI:  
10,000 Hz minimum.

Within  $\pm 1.0\%$  Full Scale output (terminal linearity) including non-linearity, hysteresis and repeatability.

Within 0.1% Full Scale output

Infinite

-65°F to +250°F  
(-55°C to +120°C)

-65°F to +250°F  
(-55°C to +120°C)

Less than  $\pm 0.01\%$  Full Scale/°F  
(0.02% Full Scale/°C)

Less than  $\pm 0.02\%$  Reading/°F  
(0.04% Reading/°C)

30 microseconds maximum

30 millivolts minimum at recommended excitation

10 volts recommended  
12 volts maximum

3 MV/V minimum

$\pm 10\%$  Full Scale

350 ohms nominal input and output

Greater than 1000 megohms at 50 VDC

Bendix Connector — PT02A-10-6P (or equiv.) Mating Connector — PT06A-10-6S (or equiv.)

3/4-16 UNF-3A THD

0-5, 10, 15, 20, 50, 100, 200, 350, 500, 750, 1000, 1500, 2000, 3500, 5000, 10,000, 20,000, 30,000 PSIG or PSIA

1.5 times rated pressure without damage.

Below 300 PSI 8 times rated pressure.  
Above 350 PSI 5 times rated pressure.

17-4 PH Stainless Steel

Approx. 10 ounces

1000 PSI and below:  
2500 Hz minimum.  
Above 1000 PSI:  
10,000 Hz minimum.

Within  $\pm 0.25\%$  Full Scale output (terminal linearity) including non-linearity, hysteresis, and repeatability.

Within 0.05% Full Scale output

Infinite

0°F to +150°F  
(-18°C to +65°C)

0°F to +150°F  
(-18°C to +65°C)

Less than  $\pm 0.006\%$  Full Scale/°F over compensated temperature range including effects on zero and sensitivity.

300 microseconds maximum

30 millivolts  $\pm 0.5\%$  at recommended excitation

10 volts recommended  
12 volts maximum

3 MV/V  $\pm 0.5\%$

$\pm 2\%$  Full Scale

350 ohms nominal input and output

Greater than 5000 megohms at 50 VDC

Bendix Connector — PT02A-10-6P (or equiv.) Mating Connector — PT06A-10-6S (or equiv.)

0-5 thru 0-7500 PSI,  
Std 1/4-18 NPTF  
0-10,000 thru 0-30,000 PSI,  
Autoclave F-250-C

0-5,000, 10,000, 20,000, 30,000, 50,000 PSIG.  
Above 50,000 PSIG consult factory.

1.2 times rated pressure without damage.

1.5 times rated pressure

Consult factory

1.5 pounds

Below 20,000:  
13,000 Hz minimum.  
Above 20,000:  
18,600 Hz minimum.

Within  $\pm 0.5\%$  Full Scale output (terminal linearity) including non-linearity, hysteresis, and repeatability.

Within 0.05% Full Scale output

Infinite

+15°F to +115°F  
(-10°C to +46°C)

-30°F to +150°F  
(-35°C to +65°C)

Less than  $\pm 0.005\%$  Full Scale/°F  
(0.01% Full Scale/°C)

Less than  $\pm 0.005\%$  Reading/°F  
(0.01% Reading/°C)

300 microseconds maximum

6 millivolts  $\pm 0.25\%$  at recommended excitation

6V AC-DC recommended  
10V AC-DC maximum

1 MV/V  $\pm 0.25\%$

$\pm 2.5\%$  Full Scale

120  $\pm 0.5$  ohms input  
117.5  $\pm 1$  ohm output

Greater than 5000 megohms at 50 VDC

Solder terminals

1/2-14 straight pipe thread with pressure fitting

0-5,000, 10,000, 20,000, 30,000, 50,000 PSIG.  
Above 50,000 PSIG consult factory.

1.2 times rated pressure without damage.

1.5 times rated pressure

Consult factory

1.5 pounds

Below 20,000:  
13,000 Hz minimum.  
Above 20,000:  
18,600 Hz minimum.

Within  $\pm 0.7\%$  Full Scale output (terminal linearity) including non-linearity, hysteresis, and repeatability.

Within 0.10% Full Scale output

Infinite

+15°F to +425°F  
(-10°C to +218°C)

-30°F to +486°F  
(-35°C to +252°C)

Less than  $\pm 0.005\%$  Full Scale/°F  
(0.01% Full Scale/°C)

Less than  $\pm 0.005\%$  Reading/°F  
(0.01% Reading/°C)

300 microseconds maximum

6 millivolts  $\pm 0.25\%$  at recommended excitation

6V AC-DC recommended  
10V AC-DC maximum

1 MV/V  $\pm 0.25\%$

$\pm 2.5\%$  Full Scale

120  $\pm 0.5$  ohms input  
117.5  $\pm 1$  ohm output

Greater than 5000 megohms at 50 VDC

10 ft. — 4 conductor shielded color coded cable

1/2-14 straight pipe thread with pressure fitting