

“MICRO” Digital Pressure Gauge is full electronic structure and battery powered, which make it very easy for on site installation. Specifically, a high precision piezo resistive pressure sensor is used and the output signal is processed by high precision low temperature drifting amplifier and then sent to high precision A/D convertor to be converted into digital signal and after being computed and processed, the actual pressure value is showed on the LCD screen.

Features: -

1. Flexible use
2. Simple Operation
3. Easy debugging
4. Safe & reliable

Construction Features:

Display –

2 Line 5 Digit, 7 Segment 15 mm high backlit LCD
(-19999 ~ 99999)

Range –

As required. (Available from -1 to 700 Kg/cm²)

Resolution –

As per unit & Range selection

Calibration –

Possible password protected

Temperature –

-20 ... 70°C (Non Condensing)

Pressure Media –

Liquid & Gases compatible with S. S. 316

Connection –

1/4" BSP (M) Standard / Others on request through adaptors

Accuracy –

±0.5% of FS or better

Power Supply –

9 V alkaline Battery (6LR61)

Battery Life –

2000 Hrs Continuous working
2 Years in sleep mode.

Bar Graph –

Provided, Pressure on percentage of dynamic display (In progress bar display)

Enclosure –

S. S. 304 Snap action Case & Bezel

Sampling Rate –

4 Times / sec



Key Pad –

Soft touch keypad on front window

Overload Capacity –

150% of FS

Stability –

±0.1% / Year

Relative Humidity –

≤80%

Units available –

MPa, kPa, Pa, bar, psi, Tor, ATM, Kg/cm² (KGF), mm H₂O (MMH), m H₂O (MH2O)

Applications: -

Hydro-Power Generation,
Petroleum Industries,
Chemical Industries,
Mechanical Industries,
Hydraulic Industries, etc ...

The BPZ2005 Series media isolated digital Pressure Gauge offers the accuracy of a solid state sensor with a low price that results from its proprietary ASIC design. Its rugged construction incorporates a micro-machined silicon pressure sensor (MEMS) isolated from the media by a stainless steel diaphragm. With no moving parts, a long life is assured.

The large 18 mm (0.71") high LCD digital display eliminates the guess work that occurs when taking readings with an analog dial gauge. Zeroing the display is conveniently done with the push button. Pressure readings are displayed continuously for 1-15 minutes (Optional), when auto shut-off occurs, conserving battery life.

Features:

1. Large 4 digit LCD Display 18 mm (0.71") high.
2. 0.25% Full Scale Accuracy
3. Long Battery Life
4. 9V Battery Included.
5. User selectable – Engineering units, psi, bar, Kg/cm², or kPa
6. User selectable Peak & Hold or continuous reading.
7. Compatible with Most Corrosive Media.

Specifications –

Accuracy –

0.25% of full scale

Operating Temperature –

-1 to 49°C (30 to 120°F)

Proof Pressure –

200% of FS or 6000 psi (whichever is lower)

Burst Pressure –

300% of FS or 10000 psi (whichever is lower)

Pressure Connection –

1/4" – 1/8" NPT (M)

Battery –

9 V Alkaline (Included)

Battery Life –

2 Years in power saving mode

Case Dimensions –

Ø 67 mm x 116 mm Height



Case Material –

ABS

Wetted Parts –

SS 316 L

Media Compatibility –

All corrosive media compatible with SS 316L

Range & Resolutions –

-15 psi Vac	0.01 psi
5 psi	0.001 psi
30 psi	0.01 psi
100 psi	0.1 psi
200 psi	0.1 psi
500 psi	0.1 psi
1000 psi	1 psi
3000 psi	1 psi
8000 psi	1 psi

The BPZ2006 is a TRUE media isolated, wet/wet differential pressure gauge designed to measure corrosive gases and liquids. It offers the accuracy of a solid state sensor with a low price those results from its proprietary ASIC design. Its rugged construction incorporates a micro-machined silicon pressure sensor (MEMS) and has no moving parts ensuring long life. Pressure is transferred from stainless steel diaphragms to the sensor through silicon oil.

The large LCD Display, 18 mm (0.71") eliminates the guess work that occurs when taking readings with an analog dial gauge. Zeroing the display on the BPZ 23006 is done with the push button. The auto shut off function will display the pressure reading for 1-15 minutes (Optional) before the unit automatically shut off, prolonging battery life. The BPZ2006 operates on a long life 9 V alkaline battery that is included with every unit.

Features:

1. Large 4 digit LCD Display 18 mm (0.71") high.
2. 0.25% Full Scale Accuracy
3. Long Battery Life
4. 9V Battery Included.
5. User selectable 0 or 15 Minutes Auto-off.
6. User selectable – Engineering units, psi, bar, Kg/cm², or kPa
7. User selectable Peak & Hold or continuous reading.
8. Compatible with Most Corrosive Media.

Specifications –

Accuracy –

0.25% of full scale

Operating Temperature –

-1 to 49°C (30 to 120°F)

Proof Pressure –

200% of FS or 6000 psi (whichever is lower)

Burst Pressure –

300% of FS or 10000 psi (whichever is lower)

Pressure Connection –

1/4" – 1/8" NPT (M)

Battery –

9 V Alkaline (Included)



Battery Life –

2 Years in power saving mode

Case Dimensions –

Ø 67 mm

Case Material –

ABS

Wetted Parts –

SS 316 L

Media Compatibility –

All corrosive media compatible with SS 316L

Range & Resolutions –

5 psi	0.001 psi
15 psi	0.01 psi
30 psi	0.01 psi
100 psi	0.1 psi
300 psi	0.1 psi
500 psi	0.1 psi