

## Pressure Transmitter

### CONSTRUCTION FEATURES

Pressure Range : 50, 100, 200, 300, 500, 1000, 3000, 5000, 10,000 psi  
 Accuracy :  $\pm 0.25\%$  of FS  
 Media Compatibility: Fluids compatible with 17-4 PH stainless steel  
 Pressure cycles : > 10 million  
 Pressure overload : 2 times rated pressure without calibration shift  
 Burst Pressure : 5 times rated pressure  
 Long Term Stability:  $\pm 0.25\%$  FS typical (12 months)  
 Temperature :  $-40^{\circ}\text{C}$  to  $125^{\circ}\text{C}$



Diaphragm Type Pr. Transmitter



Direct Mounting Pr. Transmitter

## Turbine Flow Meter

### CONSTRUCTION FEATURES

Supply : 230 VAC,  $\pm 10\%$  50 Hz / Economic battery operated option available  
 Accuracy :  $\pm 1\%$  of full scale  
 Display : 8 x 2 alphanumeric (Backlit) 7 digit for total & 4 digit for flow  
 Output : 5A potential free relay @ 230 VAC  
 Protection : IP - 65  
 Technical Note: For the sensor to sense the flow properly, it is important that the flow is developed turbulent i.e. the reynolds number  $Re > 5000$ .



Turbine Flow meter



Digital Pressure Gauge

## Digital Pressure Gauges

### CONSTRUCTION FEATURES

Selection of : Kg/Cm<sup>2</sup>, Bar, PSI, KPa, mm WC,  
 Engineering Units: mm Hg, In WC, In Hg  
 Enclosure : Aluminium Anodised, Light Weight / SS 304  
 Display shows : 8 x 2 Dot matrix display, Pressure, unit & low batt.  
 Media that will : It works with any media not adversely affect SS 316  
 Accuracy full :  $\pm 0.15\%$  &  $0.5\%$  or better of scale at calibrated

temperature  
 Power : Standard 9 V 150 mAh, Ni MH with charger or 230 VAC, 50 Hz  
 Connection : 1/4 BSP Male (others on request)  
 Over pressure : 130% of specified range  
 Temperature : Storage :  $-40$  to  $85^{\circ}\text{C}$   
 Operating :  $-40$  to  $85^{\circ}\text{C}$   
 4-20 mA : Available (Optional)  
 SPDT Relay output: Available (Optional) Provides 2 adjustable SPDT relay  
 Diaphragm seals : Various size, style and MOC available