

MICRO high quality Bourdon Operated Differential pressure gauges are built with stainless, chrome-nickel steels (i.e. S.S.316 or better). They can be used under all operational conditions, practically without limitations to measure differential pressure of two separate inputs on one dial indicator. The pressure gauges are suitable for extreme measuring conditions. The gauges can be used for all liquids and gases used in processes except for those having a high viscosity, or which are liable to crystallized



PRESSURE GAUGES



Bottom Entry Direct Mounting



Bottom Entry Surface Mounting



Bottom Entry Surface Mounting with Electrical Contact



Bottom Entry Surface Mounting attached to Diaphragm Sealed Through Capillary Extn.

Technical Specifications: (Confirming to EN-837-1 & IS-3624)

- **Nominal size :**
Ø 100 & 150 mm
- **Accuracy :**
±2% of FS
- **Case & Bezel :**
SS 304 case with Snap Action bayonet lock type bezel (SS 316 Optional)
- **Ingress Protection :**
IP 65 as per EN 60 529 or IS/IEC 60 529
IP 68 as per IS/IEC 60 529 - Optional
- **Pressure element : Bourdon Tube**
SS 316 / SS 316L / SS 316Ti (Monel 400 Optional)
- **Static Pressure :**
1.5 Times of Pressure Range
- **Movement :**
SS 304 Double bearing friction less type
- **Socket :**
SS 316 / SS 316L (Monel 400 Optional)
- **Dial :**
Aluminium – Pre-coated White with black marking
- **Pointer :**
Aluminium – Black Finish Micro Zero Adjustment
- **Window :**
4 mm thick Toughened Glass (Safety / Shatter Proof Optional)
- **Joints :**
Argon welded
- **Sealing gasket :**
Neoprene Rubber (EPDM Optional)
- **Blow out protection :**
Neoprene Rubber (EPDM Optional)
On Back of Case
- **Pressure relief :**
Top of Case with Vent Valve (On Request)
- **Process Connection – (HP & LP) :**
1/4" / 3/8" / 1/2" BSP / NPT / BSPT (Male)
M20 X 1.5 (Male), Other Male or Female Connection On Request
- **Permissible temperature :**
Ambient : -25°C to 60°C
Process : Maximum 60°C
- **Type of mounting :**
Bottom Connection Direct Mounting
Bottom Connection Surface Mounting
Pipe / Yoke Mounting
- **Differential Pressure ΔP range :**
0.6 ... up to 10 bar
- **Optional Available features :**
 - Liquid Filled Case
 - Electrical Contact
 - Pressure Equalizing Valve
 - Diaphragm Seal unit suitable to process medium with Capillary Extension
 - Maximum pointer Follower

APPLICATION

- Refineries
- Chemicals & Petrochemicals Plant
- Water & Waste water pressure control
- Mining & Metal for Air
- Gas & Filter Application