

Diaphragm Seal Pressure Gauge for High Temperature



Diaphragm Seal Pressure Gauge is designed for pressure measurement that media does not directly contact instrument's measuring system and the pressure is transmitted through oil filled diaphragm seal unit. The sealed diaphragm would not raise a dead corner or area where residue may be left, which is universally used for sanitary applications. Plus the media is not contacted directly with the gauge sensor, so this type as well is suitable for high temperature and easy to block condition.

Features

- Wide range corrosive applications
- Stainless steel wetted parts with options
- Various diaphragm materials selection
- Various liquid filling supported

Specifications

- Pressure Range: 0-40MPa
- Normal Size: 63/100/150mm
- Accuracy Class: 1.6% or 2.5%
- Diaphragm Connection: Thread, Flange, Hygienic Clamp
- Protection Degree: IP54
- Ambient Temperature: -20~70°C
- Measuring Temperature (High temperature type): -45~+240°C
- Diaphragm material: Hastelloy alloy or Titanium or Monel or 316L or PTEE coated
- Wetted material: 304 or 316L or PVC or PTFE
- Filling liquid: Silicone oil, fluorocarbon oil, Food oil
- Tube: 316 SS or brass
- Case: steel or stainless steel
- Window(Lens): Polycarbonate
- Single or dual scale: psi, kpa, mpa, bar, kg/cm²
- Relative humidity: below 80%.