

Hygienic Clamp Mounted Diaphragm Seal Pressure Gauge



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: -45~+150°C

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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%