

HF Safety Gauge

Brand: Reotemp



Short Description

REOTEMP Model MSX HF Safety Gauge is a specially designed Mechanical Pressure Gauge for use in Hydrofluoric Acid service. Both the diaphragm seal components and pressure gauge internals are made with Monel A400 material, complying with EPA rules on dual containment. The entire diaphragm seal system is completely welded and coated with acid-detecting paint providing a visual alert in the event of a process leak around the diaphragm seal. All Welded System Eliminating Potential Leak Points and Assuring Tamper-Proof Installation Gold Plated Monel Diaphragm Available for Aerated HF Service Acid Detecting Paint on Seal Body Assembly Cleaned per ASME B40.1 Level IV and Shipped in Sealed Bag

Description

Accuracy $\pm 1\%$ ASME Grade 1A Ambient Limits $-40^{\circ}\text{F}/150^{\circ}\text{F}$ Process Limits with Diaphragm Seal $-40^{\circ}\text{F}/400^{\circ}\text{F}$ (Direct Mount)* $-100^{\circ}\text{F}/700^{\circ}\text{F}$ (Remote Mount or Cooling Tower)**Exact limits depend on diaphragm seal and fill fluids. Wetted Materials Diaphragm, Lower and Process Connection: 316LSS or Monel Gasket: None Lens Tempered Safety Glass, Plastic or Laminated Safety Glass Other Materials Upper Housing: 316L or Monel Fillable Yes Maximum Working Pressure 2,000 psi Environmental Protection NEMA 4X/IP65