

PT45P Industrial Process Gauge

Brand: Reotemp



Short Description

Reotemp's Series PT45P process gauge is designed to withstand corrosive atmospheres and media, pulsation and vibration; a very rugged gauge engineered for the process industries. The solid front and blowout back provides a high degree of user safety. For highly-corrosive, high-temperature, or severe service applications a diaphragm seal is recommended. Safety Pattern Design Solid Front/Blowout Back Safety Case All Stainless Steel Internal Parts Internal Overload and Underload Stops Field Fillable Case Micro-Adjustable Pointer with Floating Zero

Description

Accuracy $\pm 0.5\%$, Grade 2A (15 psi to 1,500 psi) $\pm 1.0\%$, Grade 1A (2,000 psi to 6,000psi)
Ambient Limits $-40^{\circ}\text{F}/150^{\circ}\text{F}$ Process Limits $-40^{\circ}\text{F}/250^{\circ}\text{F}$ Process Limits with Diaphragm Seal $-60^{\circ}\text{F}/400^{\circ}\text{F}$ (Direct Mount)* $-110^{\circ}\text{F}/750^{\circ}\text{F}$ (Remote Mount or Cooling Tower)*
*Exact limits depend on diaphragm seal and fill fluids. Wetted Materials Tube: 316SS
Seamless Socket: 316SS Lens Tempered Safety Glass (Standard), Plastic or Laminated Safety Glass Other Materials Case: Reinforced Phenolic Ring: Phenolic Turret Twist-Off Dial: White Aluminum, Black Letters, Case-to-Socket: O-Ring Fillable Yes Restrictor Screw Yes, removable. Maximum Working Pressure Stable = 100% Momentary = 130% of scale Environmental Protection NEMA 4X/IP65 Weight Phenolic (Dry) = 2.5 lbs Phenolic (Filled) = 3.5 lbs