

Plastic Case Pressure Gauge



Application

MY-PS series are high quality dry pressure gauge designed to provide reliable service on non-corrosive and clean medium applications. This model are mostly used in manufacturing or processing industrial, especially for pneumatics process, fabrication, compressed gas and common industrial application.

Technical Specification

Nominal Size: 40,50,63,75,100,150,200,250mm

Accuracy Class: 40..75mm-Class 2.5; 100..250mm-Class 1.6

Ingress Protection: IP32

Connection Size: G1/8,G1/4,G1/2 or NPT or others.

Scale Range: Pressure 0..600 bar; Vacuum -1 bar..0; Compound -1..24 bar

Filling: Dry execution

Tube Element Shape: $P \leq 100$ bar in C tube; $P > 100$ bar in helicoid

Operating Temperature: Ambient temperature -10°C .. $+70^{\circ}\text{C}$; Medium temperature 70°C Max.

Temperature Error: Additional error when pressure element temperature deviates from reference temperature $+20^{\circ}\text{C}$ ($+68^{\circ}\text{F}$), is $\pm 0.4\%$ / 10°C (50°F) rising or falling

Over Pressure Limit: 130% of F.S. $P \leq 100$ bar; 115% of F.S. $P > 100$ bar

Dial Graduation: Black graduation on white for single range; Black and red graduation on white for dual ranges

Design Material

Casing and Bezel Ring: Black steel; Chromed steel; Plastic

Sensing Element: Copper alloy

Connection: Brass

Window: Acrylic plastic; Instrument glass

Window Gasket: Plastic

Pointer: Black painted aluminum

Dial Plate: Aluminum alloy