

Crimped SS Case Pressure Gauge



Application

MY-CRS Series is a special design with stainless steel case and copper alloy wetted part and fillable option for extreme vibration application and non-corrosive ambient field condition, with crimped lock case design. Applicable for pneumatic and hydraulic systems, compressors, engines, pumps, sprinkles system, building automation system and processing unit where vibration is concern.

Technical Specification

Nominal Size: 63, 100 and 150mm

Accuracy Class: Class 1.6, Class 1.0 ($\phi > 100\text{mm}$)

Ingress Protection: IP65 (Weather tight)

Connection Size: G1/4, G1/2 or NPT

Scale Range: Pressure 0..1000 bar; Vacuum -1 bar..0; Compound -1..24 bar

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

Filling: Dry or liquid filled

Operating Temperature: Ambient temperature -10°C .. $+70^{\circ}\text{C}$; Medium temperature 90°C Max.

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

Over Pressure Limit: 130% of F.S.P ≤ 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: Stainless steel 304

Sensing Element: Copper alloy Connection:

Brass

Window: Plastic

Window Gasket: Industrial rubber seal

Pointer: Black painted aluminium

Dial Plate: Aluminium alloy