



Series GPG4 Pressure Gauge

Bottom: GPG4-XXX-A0X-XXX

Back: GPG4-XXX-F0X-XXX



Application

GPG4 series is a premium design pressure gauge with fully stainless steel construction, liquid fillable and with various option used in extreme corrosive & serve environment. GPG4 series can be incorporate with most accessories such as Diaphragm Chemical seal, Siphon, Dampener, etc.. to further extend it usages. Commonly, uses in Process industries, Mining, Power plants, Steel mills, Pulp & Paper, Water & Sewage, Petrochemical plants, etc..

Features

- Accuracy class 1.0
- Wide range application
- All stainless steel construction
- Knock-down system back and front flange
- Bayonet lock case design
- Over pressure up to 30% of full scale
- Restrictor screw standard
- Excellent vibration resist with liquid filling
- Excellent vibration resist without liquid filling (GPG4 Series)

Technical Specification

- Nominal Size
63, 100, 150, 200 and 250mm
- Accuracy Class
Class 1.0
- Ingress Protection
IP 65 (Weather tight)
- Connection Size
G 1/4, G 1/2 or NPT or others
- Pressure 0...1600bar
0..1600bar
Vacuum -1...0
Compound -1...24 bar
- Tube Element Shape
P ≤ 100 bar in C tube
P > 100 bar in helicoil
- Filling
Dry or liquid filled
- Operating Temperature
Ambient temperature -30...+70°C
Medium temperature 180°C Max.
- Temperature Error
Additional error when pressure element temperature deviates from reference temperature +20°C (+68°F) be ± 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 stainless steel 316
- Connection stainless steel 316
- Window plain instrument glass or laminated glass
- Window gasket industrial rubber seal
- Pointer black painted aluminium
- Dial plate aluminium alloy



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