

# PGUC / PGCP UTILITY & CAPSULE PRESSURE GAUGES BRASS / STAINLESS STEEL WETTED PARTS



## MAIN FEATURES

Socket-case, direct welded  
Threaded / Flanged connection  
Dry / liquid filled

## SUGGESTED APPLICATIONS

Liquid & gaseous mediums  
Corrosive environments  
Oil & Gas applications  
Chemical & Petrochemical  
Food & Beverages  
Clean-air applications

## TEMPERATURE EFFECT

When temperature of the measuring system deviates from reference temperature (+20°C) : max error  $\pm 0.4\%$  / 10K of true scale value.



## BRASS / STAINLESS STEEL CAPSULE PRESSURE GAUGES

## BASIC DESCRIPTION

Design : EN 837-3  
Sensing element : Capsule  
Accuracy:  $\pm 1.6\%$  of full scale  
Service temperature : 150°C max. [for SS system]  
100°C [for Copper alloy system]  
Pressure limits : Steady pressure up to 75% of FS value  
No over-pressure  
Weld joints : TIG argon arc welding [for SS system]  
Silver Alloy bracing [for Copper alloy system]

## PRODUCT SPECIFICATION

### STANDARD VERSION (PGCP)

Dial size : 63mm / 100mm / 150mm  
Range : -25mbar...0...+600mbar  
Mounting pattern : Direct, Bottom connection  
Process connection :  $\frac{1}{4}$ " NPT(M) /  $\frac{1}{2}$ " NPT (M) /  $\frac{1}{2}$ " BSP (M)  
Ingress protection : IP 54  
Execution : Dry  
Case & Ring material : AISI 304 SS (Bayonet type)  
Capsule & Shank : AISI 316 SS  
Movement mechanism : Copper alloy  
Dial : Aluminum, black graduation on white background  
with zero adjustment on dial  
Pointer : Fixed, aluminum, black powder coated  
Vent plug : ON/OFF TYPE  
Window: Acrylic glass / Shatterproof Safety Glass

## PRODUCT SPECIFICATION

### BRASS VERSION (PGUC)

Dial size : 63mm / 100mm / 150 mm  
Range : -25mbar...0...+600mbar  
Capsule & Shank : AISI 316 SS

