SERIES SGY & SGZ

2.5” INDUSTRIAL PRESSURE GAGES
1.5% FS Accuracy, 316 SS or Brass Wetted Parts, Dual Psi/Bar x100 kPa Scales

The Series SGY & SGZ 2” Industrial Pressure Gages have dual psi and bar (x100 kPa) scales with ±1.5% full-scale accuracy. The Series SGZ and SGY gages are designed with 304 SS housings and the SGZ is designed with 316 SS wetted parts for excellent chemical compatibility or SGY brass wetted parts for compatible gases. These gages cover a wide range of pressure ratings in either bottom or back connection configurations. Series SGZ gages employ an easy-open breather plug on top, which allows liquid filled units to breathe, relieving any built up internal pressures. Plug easily pops open and does not need to be entirely removed or cut like a typical gages’ rubber plug grommet.

FEATURES/BENEFITS
- Stainless steel housing and wetted parts to resist ambient corrosion for longer service life in harsh environments
- Higher accuracy gage for value-sensitive applications requiring more precise measurement and where vibration is a concern
- Optional sliding pointer clearly mark to make visible critical ranges and high and low points
- Liquid fillable gage with easy open back connection, bronze tube.

APPLICATIONS
- Vacuums in pneumatic conveying lines
- Positive pressure in compressed air headers
- Corrosive ambient environments

SPECIFICATIONS

Service: Compatible gases and liquids.
Wetted Materials: SGZ: 316 L SS
Tube, 316 SS connector; SGY: Brass connection, brass tube.
Size: 2.5” (63 mm).
Process Connections: 1/4” male NPT.
Weight: 4.9 oz (141 g) back, 30.5 oz (860 g) for glycerin fill.

MODEL CHART

USA: California Proposition 65
⚠️ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

SERIES 765

PROCESS GAGE WITH DAMPENED MOVEMENT
±0.5% Accuracy, Safety Blow-Out Back

The Series 765 Process Gage with Dampered Movement minimizes effects of vibration without liquid filling. With this dampered movement the 765 gages are ideal for use in any application where high pulsation or vibration exists. The 765 gages offer dual scale ranges (psi/kPa) with ±0.5% full-scale accuracy. They are designed with a Phenolic safety-case and have a solid front with a blow-out back. Excellent chemical compatibility is insured with the 316L SS socket and Bourdon tube. A wide offering of wetted parts to resist ambient corrosion for longer service-life

FEATURES/BENEFITS
- Liquid-free dampered movement minimizes effect of vibration and cost to maintain
- Stainless steel socket and Bourdon tube permit use in chemical applications
- High accuracy gage for applications requiring more precise measurement
- Models that support vacuum to high pressure ranges provide a selection to meet specific applications
- Specified with high ambient and process temperature ratings mean more robust uses and longer service-life

APPLICATIONS
- Process applications
- Chemical
- Refinery
- Fertilizer
- Petrochemical

SPECIFICATIONS

Service: Compatible gases & liquids.
Wetted Materials: 316L SS socket and Bourdon tube.
Size: 4-1/2” (114.3 mm) dial face.
Temperature Limits: -40 to 200°F (-40 to 93°C).
Process Connections: 1/4” or 1/2” NPT male.
Enclosure Rating: IP65 (NEMA 4).
Agency Approval: Meets the technical requirements of EU Directive 2011/65/ EU (RoHS II).

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