



LIQUID PRESSURE GAGE KIT

GADP Series

The differential pressure kit offers two liquid filled pressure gauge assemblies that assemble to both the differential and high-pressure differential transmitter using the supplied 1/8” male brass fitting tee.

Features include a stem mounted (2.5” Dial) Liquid Gauge with a #304 Stainless Steel Case, 1.5% Full Scale Accuracy, Operating Temperature: – 40°F to + 140°F, -20°C to +60°C, 0-100 PSI or 0-600 PSI & meets ASME B40.100 Standards. Assembled with brass fittings.

A liquid-filled dial reduces needle flutter for precise readings in high-vibration applications. A Stainless-Steel Case provides excellent corrosion resistance.

PRODUCT HIGHLIGHTS

* Available in either 0-100 or 0-600 PSI
* Brass fittings
* Liquid-filled dial to reduce needle flutter
* Stainless steel case





SPECIFICATIONS

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| DESCRIPTION | ENGINEERING SPEC |
| POWER SUPPLY | 24 Vac/dc ±10% (non-isolated half-wave rectified) |
| CONSUMPTION | 75 mA max @ 24 Vdc |
| OUTPUT SIGNAL | 4-20 mA sourcing, 0-5/0-10 Vdc (jumper selectable) |
| OUTPUT DRIVE | 500Ω max for current output10KΩ min for voltage output |
| PROTECTION CIRCUITRY | Reverse voltage protected, transient protected |
| LCD | 35mm W x 15mm H (1.4” x 0.6”), 2-lin x 8-character |
| ACCURACY | ±1% full scale of selected range (range 4 is ±2%) |
| STABILITY | ±0.25% FS typical (1 year) |
| PRESSURE RANGES | 4 per model (menu selectable) |
| MEDIA COMPATIBILITY | 17-4 PH stainless steel |
| PROOF PRESSURE | 2X highest range per model |
| BURST PRESSURE | 20X highest range permodel |
| MAXIMUM LINE PRESSURE | = highest model range |
| PRESSURE CYCLES | >100 million |
| SURGE DAMPING | 1-60 seconds averaging (menu selectable) |
| ZERO ADJUST | Push-button and remote input |
| SENSOR OPERATING RANGE | -40 to 105°C (-40 to 221°F) |
| OPERATING ENVIRONMENT | 0 to 50°C (32 to 122°F), 10 to 90 %RH non-condensing |
| PRESSURE CONNECTION | ½” NPT male |
| REMOTE SENSOR CABLE | S: FT-6 plenum ratedA: Armored flexible S/S |
| WIRING CONNECTION | 14-22 AWG screw terminal block |
| ENCLOSURE | Polycarbonate, UL94-V0, IP65 (NEMA 4X)F style includes thread adapter (1/2” NPT to M16) and cable gland fitting |
| WEIGHT | 650g (22.9oz) – Including remote cables and sensors |
| COUNTRY OF ORIGIN | Canada |