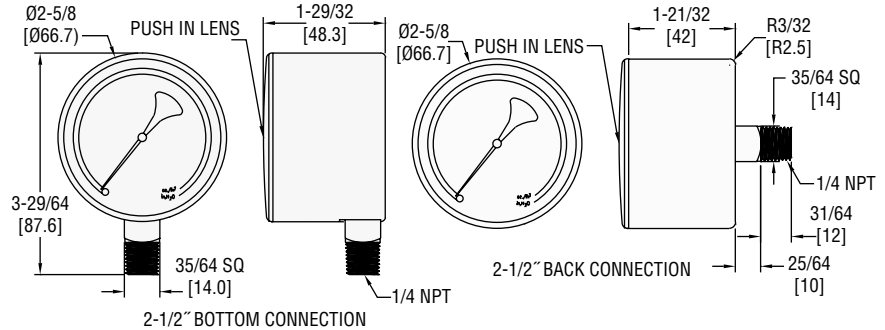


# LOW PRESSURE GAGE

1.6% FS Accuracy in a 2-1/2" Gage



**SERIES LPG3** Low Pressure Gages are designed to be especially sensitive with an elastic element that expands and contracts with very small changes in pressure for ASME Grade 1A accuracy. This series is meant for the measurement of low pressures of gases and liquids and is ideal for air flow indicators, liquid level indicators and draft gages. Our new low pressure gages are available in 2-1/2" dial with either a bottom or back connection option.

## SPECIFICATIONS

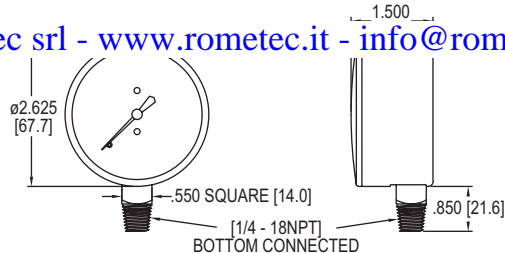
- Service:** Compatible gases and liquids.
- Wetted Materials:** Brass.
- Housing Materials:** Steel with black finish.
- Lens:** Polycarbonate.
- Accuracy:** 1.6% FS; ANSI B40.1 Grade 1A.
- Pressure Limit:** 110%.
- Temperature Limits:** -40 to 150°F (-40 to 65°C).
- Size:** 2-1/2" (63 mm).
- Process Connections:** 1/4" NPT, bottom or back.
- Weight:** 6.5 oz (184 g).

MODEL CHART			
Model Bottom	Range in w.c./oz/in <sup>2</sup>	Model Back	Range in w.c./oz/in <sup>2</sup>
LPG3-D8122N	0 to 15 (0 to 8.6 oz/in <sup>2</sup> )	LPG3-D8142N	0 to 15 (0 to 8.6 oz/in <sup>2</sup> )
LPG3-D8222N	0 to 32 (0 to 18.5 oz/in <sup>2</sup> )	LPG3-D8242N	0 to 32 (0 to 18.5 oz/in <sup>2</sup> )
LPG3-D8422N	0 to 55 (0 to 32.0 oz/in <sup>2</sup> )	LPG3-D8442N	0 to 55 (0 to 32.0 oz/in <sup>2</sup> )
LPG3-D8622N	0 to 100 (0 to 58.0 oz/in <sup>2</sup> )	LPG3-D8642N	0 to 100 (0 to 58.0 oz/in <sup>2</sup> )
LPG3-D8822N	0 to 200 (0 to 116 oz/in <sup>2</sup> )	LPG3-D8842N	0 to 200 (0 to 116 oz/in <sup>2</sup> )
Model Bottom	Range psi/kPa	Model Back	Range psi/kPa
LPG3-D9922N	0 to 5 (0 to 35 kPa)	LPG3-D9942N	0 to 5 (0 to 35 kPa)
LPG3-D0022N	0 to 10 (0 to 70 kPa)	LPG3-D0042N	0 to 10 (0 to 70 kPa)

**SERIES LPG4**

**2 5/16" DIA. DIAL PRESSURE GAGE**

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 1.5% Full-Scale Accuracy in a 2.5" Gage



Single Pressure Gages, Dial

Our **SERIES LPG4** gages offer top of the line performance and accuracy for pressure and vacuum applications up to and including 160 in w.c. The LPG4 is constructed from a single beryllium-copper diaphragm affixed to a precision-machined brass plate. This innovative design, together with a high-precision, milled-teeth brass movement and nickel-silver pinion and bearing surface, provide the user with a top of the line low pressure instrument.

**FEATURES/BENEFITS**

- Low pressure gage provides a selection to meet specific applications
- Specified with high ambient and process temperature ratings mean more robust uses and longer service-life
- High accuracy gage for applications requiring more precise measurement is a concern

**APPLICATIONS**

- Air flow indication
- Liquid level
- Draft measurement

MODEL CHART			
Model	Range	Model	Range
LPG4-D7122N	-10 to 0 in w.c. (-2.5 to 0 kPa)	LPG4-D8322N	0 to 40 in w.c. (0 to 10 kPa)
LPG4-D7222N	-15 to 0 in w.c. (-4 to 0 kPa)	LPG4-D8422N	0 to 60 in w.c. (0 to 15 kPa)
LPG4-D7322N	-25 to 0 in w.c. (-6 to 0 kPa)	LPG4-D8522N	0 to 80 in w.c. (0 to 20 kPa)
LPG4-D7422N	-40 to 0 in w.c. (-10 to 0 kPa)	LPG4-D8622N	0 to 100 in w.c. (0 to 25 kPa)
LPG4-D7522N	-60 to 0 in w.c. (-15 to 0 kPa)	LPG4-D8722N	0 to 160 in w.c. (0 to 40 kPa)
LPG4-D7622N	-80 to 0 in w.c. (-20 to 0 kPa)	LPG4-D8922N	-4 to 0 to 6 in w.c. (-1 to 0 to 1.5 kPa)
LPG4-D7722N	-100 to 0 in w.c. (-25 to 0 kPa)	LPG4-D9022N	-6 to 0 to 10 in w.c. (-1.5 to 0 to 2.5 kPa)
LPG4-D7822N	-160 to 0 in w.c. (-40 to 0 kPa)	LPG4-D9122N	-8 to 0 to 16 in w.c. (-2 to 0 to 4 kPa)
LPG4-D7922N	-235 to 0 in w.c. (-60 to 0 kPa)	LPG4-D9222N	-16 to 0 to 24 in w.c. (-4 to 0 to 6 kPa)
LPG4-D8022N	0 to 10 in w.c. (0 to 2.5 kPa)	LPG4-D9322N	-24 to 0 to 40 in w.c. (-6 to 0 to 10 kPa)
LPG4-D8122N	0 to 15 in w.c. (0 to 3.75 kPa)	LPG4-D9422N	-30 to 0 to 50 in w.c. (-7.5 to 0 to 12.5 kPa)
LPG4-D8222N	0 to 25 in w.c. (0 to 6 kPa)	LPG4-D9522N	-40 to 0 to 60 in w.c. (-10 to 0 to 15.0 kPa)

**SPECIFICATIONS**

**Service:** Compatible gases & liquids.  
**Wetted Materials:** Brass and beryllium copper.  
**Housing:** Drawn steel, black finish.  
**Lens:** Polycarbonate (removable).  
**Accuracy:** ±1.5% FS.  
**Pressure Limit:** 100% of range scale.

**Temperature Limits:** Process: -40 to 160°F (-40 to 70°C); Ambient: -40 to 140°F (-40 to 60°C).  
**Size:** 2.5" (63 mm).  
**Process Connections:** 1/4" male NPT.  
**Enclosure Rating:** NEMA 3 (IP54).  
**Weight:** 7.3 oz (0.21 kg).

**OPTIONS**

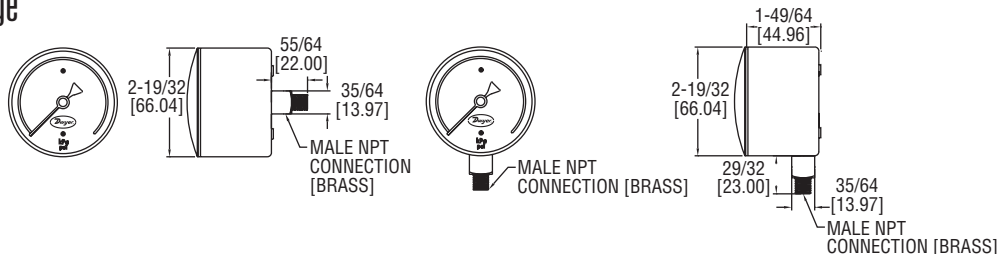
Use order code:	Description
NISTCAL-PG1	NIST traceable calibration certificate

USA: California Proposition 65

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## 2.5" LOW PRESSURE GAGE

3-2-3% Full Scale Accuracy in a 2.5" Gage



The **SERIES LPG5** Low Pressure Gages offer top of the line performance for pressure applications from 10 in w.c. to 10 psi. The LPG5 gages possess dual scales with 3-2-3% full-scale accuracy on a 2.5" dial. Units are made with a chrome plated steel housing and brass wetted parts. Units can withstand temperatures of -4 to 140°F (-20 to 60°C). This series is meant for the measurement of low pressures of gases and liquids and is ideal for air flow indication, liquid level and draft measurement. Series LPG5 gages are available with either a bottom or back connection option.

### FEATURES/BENEFITS

- Chrome plated steel housing and brass wetted parts resist ambient for longer service life in harsh environments
- Low pressure gage provides a selection to meet specific applications
- Specified with high ambient and process temperature ratings mean more robust uses and longer service-life
- Good accuracy gage for value-sensitive applications requiring more precise measurement and where vibration is a concern

### APPLICATIONS

- Air flow indication
- Liquid level
- Draft measurement

### SPECIFICATIONS

**Service:** Compatible gases and liquids.  
**Wetted Materials:** Brass connection, bronze tube.  
**Housing:** Chrome plated steel.  
**Lens:** Polycarbonate.  
**Accuracy:** ± 3-2-3% FS.  
**Pressure Limits:** Full scale range.  
**Temperature Limits:** -4 to 140°F (-20 to 60°C).  
**Size:** 2.5" (63 mm).  
**Process Connections:** 1/4" male NPT.  
**Weight:** 8 oz (227 g).

### MODEL CHART

Model	Range in w.c. (kPa)	Model	Range psi (kPa)
LPG5-D8022N	0 to 10 (0 to 2.5)	LPG5-D9922N	0 to 5 (0 to 35)
LPG5-D8122N	0 to 15 (0 to 3.75)	LPG5-D0022N	0 to 10 (0 to 70)
LPG5-D8222N	0 to 35 (0 to 8.75)		

LPG5-D8822N | 0 to 200 (0 to 50)

**Note:** Change 22N to 42N for back connection option.

Use order code:	Description
NISTCAL-PG1	NIST traceable calibration certificate