



Series
7000

Spirahelic® Direct Drive Pressure Gage

Panel Mount, 4-1/2" & 8-1/2" Dials, ASME Grades 2A & 3A

PRESSURE

Single Pressure Gages,
Dial

GRADE 2A ACCURACY

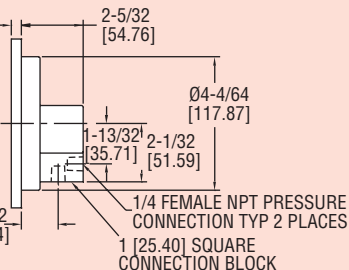
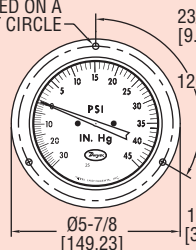


Model 7112 (4-1/2" Dial)

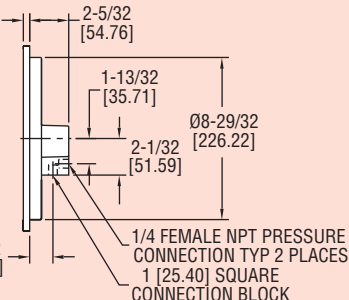
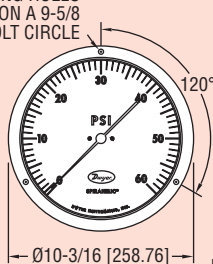


Model 7312 (8-1/2" Dial)

[3] Ø 7/32 [5.56] MOUNTING HOLES EQUALLY SPACED ON A 5-3/8 [136.53] BOLT CIRCLE



[3] Ø 9/32 [7.14] MOUNTING HOLES EQUALLY SPACED ON A 9-5/8 [244.48] BOLT CIRCLE



4-1/2" Dial, Grade 2A Accuracy (1/2% of FS)

Model	Range (psig)
7112-G030	30
7112-G060	60
7112-G100	100
7112-G200	200
7112-G300	300
7112-G600	600
7112-GC010	1000

8-1/2" Dial, Grade 2A Accuracy (1/2% of FS)

Model	Range (psig)
7312-G060	60
7312-G100	100
7312-G200	200
7312-G300	300
7312-G600	600

SPECIFICATIONS

Service: Compatible gases & liquids.

Wetted Materials: Inconel® X-750 alloy Bourdon tube, type 316L SS connection block.

Housing: Black polycarbonate case and clear acrylic cover.

Accuracy: Grade 2A (0.5% FS).

Pressure Limit: 150% of full-scale. Gage will maintain its specifications for overpressures up to 150% max. range. Normal operation should be between 25% and 75% of full-scale.

Temperature Limits: -65 to 180°F (-53.9 to 82.2°C).

Sizes: 4-1/2" dial face (114.3 mm), 8-1/2" dial face (215.9 mm), design conforms to ASME B40.1.

Process Connections: Two 1/4" female NPT field-selectable back or bottom connection.

Weight: 4-1/2" dial face: 16.3 oz (462.1 g); 8-1/2" dial face: 27.3 oz (773.9 g).

Standard Accessory: One 1/4" male NPT stainless steel plug.

Precision design ensures maintenance-free performance.

Solid front case combined with rear blowout plug provides highest level of operator safety.

Design of small diameter tubing wound in spiral/helical coil acts like a liquid filled gage without the fill.

Direct drive movement -no cams, gears, or linkages. Provides longer operating life than standard "C" Bourdon gages.

Center post bearing carrier supports pointer shaft and coil.

Precision balanced pointer with reduced friction produces higher responsiveness than standard gage.

Rear blowout hole covered with label. This safety enhancement directs an overpressure surge or spike away from operators.

High impact plastic case and lens allows gages to last through the most demanding applications.

Case and shock protection ribs help prevent damage to Bourdon tube in the event of severe shock.

Filter plug protects Bourdon tube from particulate damage and reduces pressure surges.

OPTION

For NIST traceable calibration certificate, add suffix -NIST to model numbers.
Example: 7112-G060-NIST.

ACCESSORIES

A-341, Brass adapter, 1/4" male NPT to G 1/2 A (per ISO 228/1) parallel thread 2-1/2" length

Note: Additional ranges and accuracy requirements are available. Please consult the factory for details.