Capsule Pressure Gauges

Precision Test Gauge

Accuracy ±0.1% or ±0.25% of Span

Low Pressure Series • Type 612.11

Pressure Gauges

Application
Pressure gauge calibration and laboratory measurement. Suitable for all gaseous media that will not attack copper alloy parts.

Size
10" (250 mm)

Accuracy
±0.1% of span (ASME B40.1 Grade 4A)
±0.25% of span (ASME B40.1 Grade 3A)

Ranges
2.5 "H2O to 160 "H2O (6 mbar to 400 mbar)
or equivalent other units of pressure or vacuum

Calibrating Fluid
Gas

Working Range
Steady: Full scale value
Fluctuating: 0.9 x full scale value

Operating Temperature
Ambient: -4°F (-20°C) to 140°F (60°C)
Media: max. + 140°F (+60°C)

Temperature error
Accuracy based on reference temperature of 68°F (+20°C). Changing temperature may require zero adjustment.

Weather Protection
Weather tight (NEMA 4 / IP 65)

Standard Features

Test gauges with ±0.1% accuracy supplied with a black carry case and Certificate of Calibration

Connection
Lower mount (LM) only
Material: Copper alloy
1/2" NPT

Capsule Element
Copper alloy

Movement
Copper alloy

Dial
Aluminum white with black lettering. 330° scale with mirrored band to eliminate parallax reading errors. Dial rotates ±15° for zero adjustment.

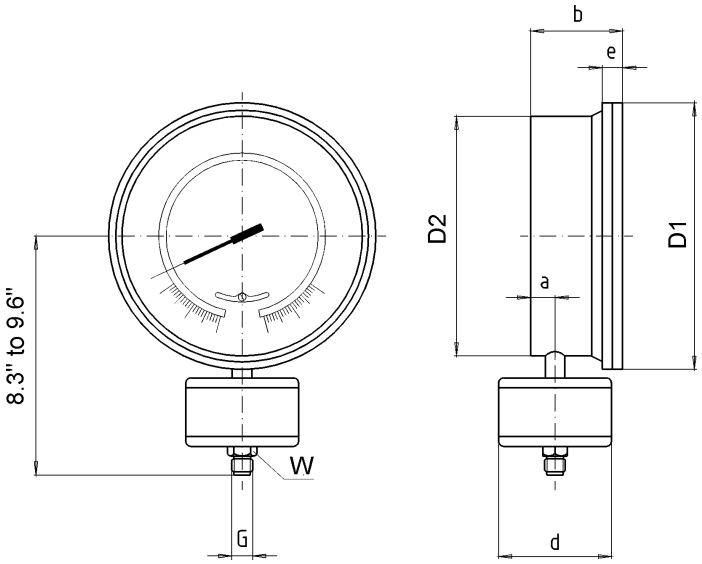
Pointer
Black aluminum with knife edge

Case
Cast aluminum, dark grey, Hammerloid finish with screw-retained aluminum ring.

Window
Green tinted non-reflecting acrylic

Order Options
Other pressure connection
±0.25% accuracy models:
Black carry case
Certificate of Calibration

Dimensions:



TYPE	WEIGHT	KEY	a	b	D1	D2	d	e	G	W
612.11 10"	10.6 lb	mm	31	78	277	250	130	16.5	--	27
		in	1.2	3.1	10.9	9.8	5.12	.65	1/2" NPT	1.06

THE MEASURE OF
Total Performance™

Ordering Information:
State computer part number (if available) / type number / size / range / connection size and location / options required.

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