



Differential Pressure Gauges

Copper Alloy Wetted Parts

Aluminum Case

Bourdon Tube Series • Type 712.25DP

Pressure Gauges

Application

Measurement of pressure differential of 2 applied pressures. Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts.

Sizes

4½" & 6"

Accuracy

+ 2/12% of span
(ASME B40.1 Grade A)

Ranges (All ranges not stocked)

Differential pressure from 0/20 PSID to 0/1000 PSID

Static Pressure Rating

1.3 x full scale pressure

Working Range

Steady: 3/4 of full scale value
Fluctuating: 2/3 of full scale value
Short time: 1.3 x full scale value

Operating Temperature

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

Temperature Error

Additional error when temperature changes from reference temperature of 68°F (20°C) ±0.4% for every 18°F (10°C) rising or falling. Percentage of span.

Weather Protection

Dust resistant (NEMA 2 / IP 33)

Standard Features

Connection

Material: copper alloy
Lower mount (LM) only
2 x 1/4" NPT

Each side marked with ⊕ or ⊖

Bourdon Tube

Material: copper alloy
2 x C-type

Movement

Copper alloy, dual-subtracting

Dial

White aluminum with black lettering. Stop pin at 6 o'clock

Pointer

Material: aluminum
1 black pointer

Case

Black cast aluminum with built-in rear flange

Window

Flat glass

Threaded Ring

Black aluminum



Order Options (min. order may apply)

Duplex pressure gauge (Type 712.25DX)

Brass restrictor

Custom dial layout

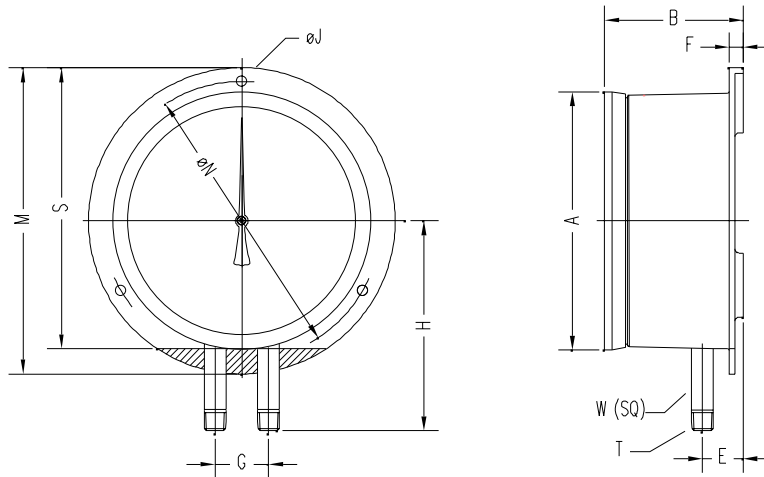
Other pressure scales available:

Bar, KPa, Kg/cm² and dual scales

APM 712.25DP

(APM 07.25.1)

Dimensions:



TYPE	WEIGHT	KEY	A	D	E	G	H	J	M	N	S
712.25DP 4.5"	3 lbs.	in	4.93	4.19	1.02	1.18	3.58	0.22	5.81	5.38	5.34
		mm	125.2	106.4	26	30	91	6	147.6	137	135.6
712.25DP 6"	4 lbs.	in	6.41	5.67	1.02	1.34	5.24	0.28	7.69	7	--
		mm	162.8	144	26	34	133	7	195	178	--

THE MEASURE OF
Total Performance™

Ordering Information:

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

Specifications given in this price list represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice



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