



Differential Pressure Gauges

Black-Painted Steel Case

Copper Alloy Wetted Parts

Bourdon Tube Series • Type 712.21

Pressure Gauges

Application

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

Size

4" (100 mm)

Accuracy

±2.5% of span

Ranges

60 to 400 PSI (4 to 25 bar)
or equivalent other units of pressure or vacuum

Scale range must be selected based on the highest static pressure applied. The pressure differential to be indicated should be no less than 1/6 of the full scale range. When ordering please state both the static pressure applied and the differential to be indicated.

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)
Medium: max. + 140°F (+60°C)

Temperature error

Additional error when temperature changes from reference temperature of 68°F (20°C) ± 0.3% for every 18°F (10°C) rising or falling. Percentage of span.

Weather Protection

Dust resistant (NEMA 2 / IP 33)



Standard Features

Connection

Lower mount - in-line only
Material: Copper alloy
2 x 1/2"NPT or G1/2A identified ⊕ and ⊖

Pressure Element

Copper alloy, C-type - soft soldered

Movement

Copper alloy, wearable parts argentan

Dial

White aluminum with black lettering

Pointer

Material: Aluminum
⊕ side black, ⊖ side red

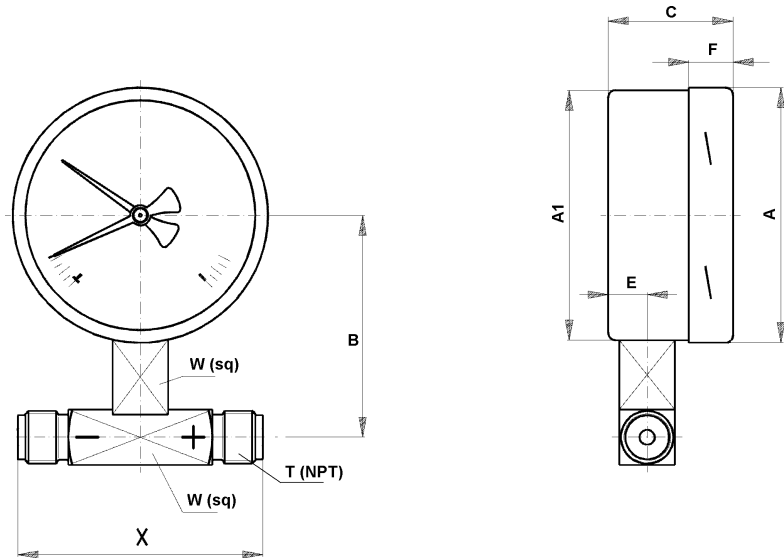
Case

Black-painted steel case with black-painted steel bayonet ring

Window

Flat instrument glass

Dimensions:



TYPE	WEIGHT	KEY	A	A1	B	C	E	F	T	W	X
712.21 4"	1.98 lb	mm	101	99	88	49.5	15.5	17.5	1/2"	22	97
		in	3.98	3.9	3.46	1.95	.61	.69		.87	3.82

**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



WIKAI Instrument Corporation
 1000 Wiegand Boulevard
 Lawrenceville, Georgia 30043-5868
 Tel: 770-513-8200 Fax: 770-338-5118
<http://www.wika.com> e-mail: info@wika.com