

Bourdon Tube Pressure Gauge Type 111.25DW Contractor Gauge for Drinking Water Application Drinking Water Series - 4½" SS Case

WIKA Datasheet 111.25DW

Applications

- Contractor Gauge for applications where water is anticipated to be used for human consumption.
- For applications in which products must comply with the 2014 US Safe Drinking Water Act and NSF 61/372.

Product Features

- Brass wetted parts with lead content $\leq 0.25\%$.
- Stainless steel case.
- $\pm 1\%$ accuracy.
- Reliable and economical.
- NSF/ANSI 61 listed and certified to NSF/ANSI 372 and conforms with the lead content requirements for lead-free plumbing as defined by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act.

Specifications

Design

ASME B40.100

Sizes

4½" (115mm)

Accuracy class

$\pm 1\%$ of span (ASME B40.100 Grade 1A)

Ranges

Vacuum/Compound to 200 psi (16 bar)
Pressure from 15 psi (1 bar) to 600 psi (40 bar)
or other equivalent units of pressure or vacuum

Working pressure

Steady: $\frac{3}{4}$ of full-scale value
Fluctuating: $\frac{2}{3}$ of full-scale value
Short time: full-scale value

Operating temperature

Ambient: -40°F to 140°F (-40°C to 60°C)
Media: 140°F (+60°C) maximum



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Temperature error

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

Pressure connection

Material: Lead-free copper alloy (lead content $\leq 0.25\%$)
¼" NPT lower mount (LM)

Bourdon tube

Material: Lead-free copper alloy
C-shape

Solder

No-lead solder

Movement

Copper alloy

Dial

White aluminum with stop pin and black lettering

Pointer

Black aluminum

Case

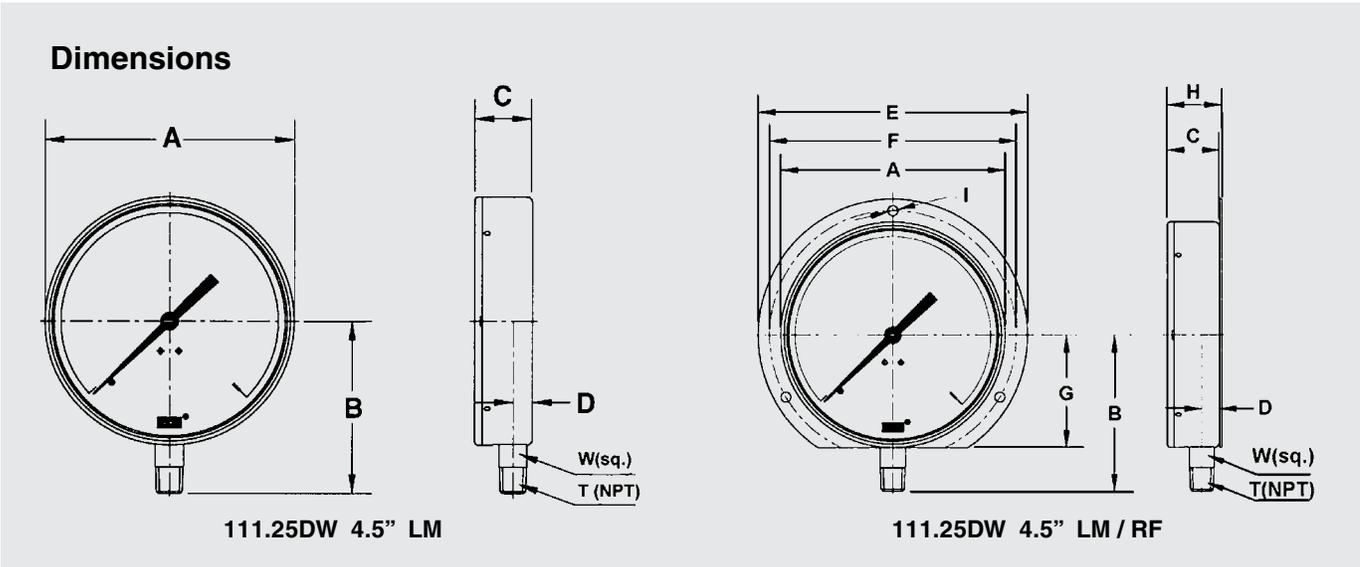
Stainless steel, matte finish

Window

Snap-in polycarbonate

Optional Extras

- Stainless steel rear flange
- Brass restrictor
- Custom dial layout
- Other pressure scales available:
bar, kPa, MPa, kg/cm² and dual scales



Size		(Standard Version)											
		A	B	C	D	E	F	G	H	I	T	W	Weight
4.5"	mm	124	86	29.2	9.8	149	137	62	30.5	5.6		14	
	in	4.88	3.38	1.15	0.39	5.87	5.37	2.44	1.20	0.22	1/4"	0.55	0.80 lb.



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Ordering information
 Pressure gauge model / Nominal size / Scale range / Size of connection / Optional extras required.
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 Modifications may take place and materials specified may be replaced by others without prior notice.