

UHP flow-through gauge Diaphragm pressure gauge, nominal size 2" Model 432.25 (FTG)

WIKA data sheet PM 04.12

Applications

- For pressure measurement in gaseous and liquid, also aggressive media for demanding high purity applications, also in aggressive ambience
- Semiconductor and flat panel industry
- Gas distribution systems
- Medical gases
- Hook-up application



Special features

- Dead space free media chamber
- Excellent rinsing behaviour
- Helium leak tested, leak rate $\leq 10^{-9}$ mbar · l/s
- Case and media chamber electropolished, surface roughness $R_a \leq 0.25 \mu\text{m}$
- All ultra high purity gas fittings available

UHP flow-through gauge, model 432.25.2" (FTG)

Description

Nominal size

2"

Accuracy class

Grade B per ASME B40.1

Higher accuracy class on request

Scale ranges

-1 ... 4 bar / -30 inHg ... 60 psi

-1 ... 9 bar / -30 inHg ... 130 psi

Permissible temperature

Ambient: -10 ... +60 °C

Medium: +60 °C maximum

Process connection

All ultra high purity gas fittings available

Pressure element

Inconel

Dial

Aluminium, white, black/red lettering,
dual scale bar/psi

Pointer

Aluminium, black

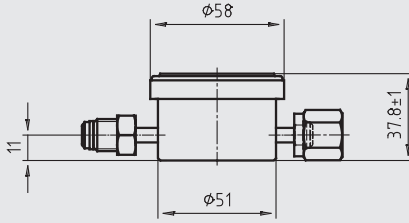
Case

Stainless steel 316L, electropolished

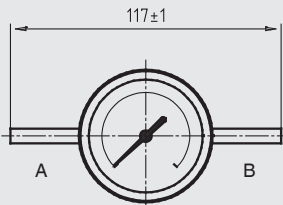
Window

Polycarbonate, twist-lock

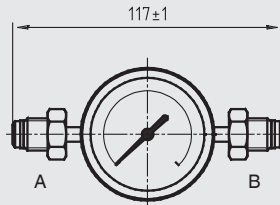
Dimensions in mm



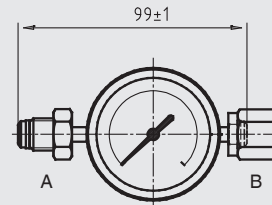
Process connection



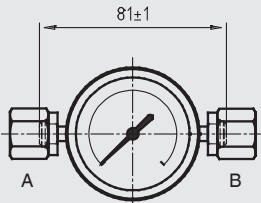
Weld-in connection on both sides
Order code: W4W4



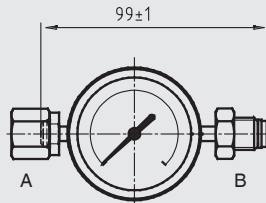
1/4" male nut on both sides
Order code: M4M4



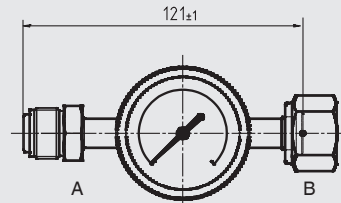
1/4" male nut / union nut
Order code: M4F4



1/4" union nut on both sides
Order code: F4F4



1/4" union nut / male nut
Order code: F4M4

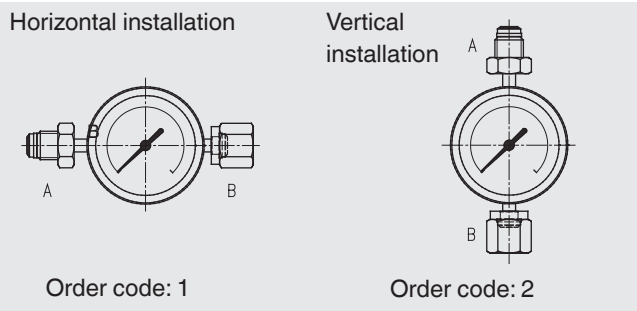


1/2" male nut / union nut
Order code: M8F8

Order code for scale ranges

Scale ranges	Order code
-1 ... 4 bar / -30 inHg ... 60 psi	S3B
-1 ... 9 bar / -30 inHg ... 130 psi	S4B

Mounting position



Order code

Model	Process connection	Scale range	Mounting position							
FTG	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>					-	<table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>			

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