

# 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

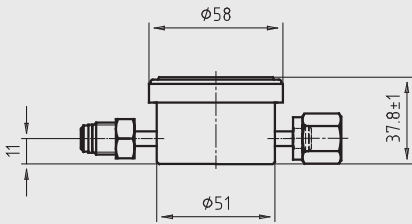
### Case

Stainless steel 316L, electropolished

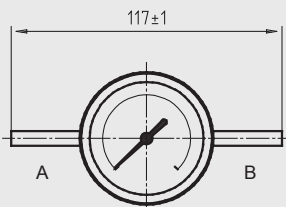
### Window

Polycarbonate, twist-lock

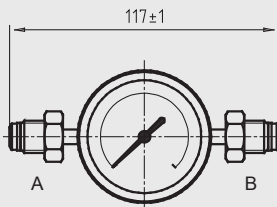
## Dimensions in mm



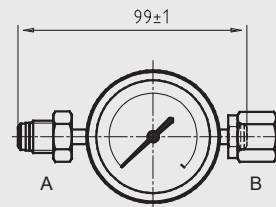
### Process connection



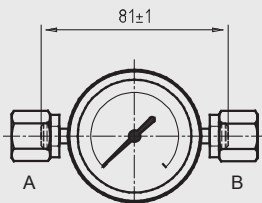
Weld-in connection on both sides  
Order code: W4W4



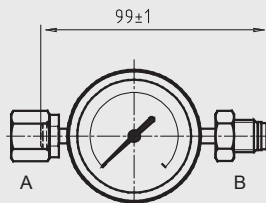
1/4" male nut on both sides  
Order code: M4M4



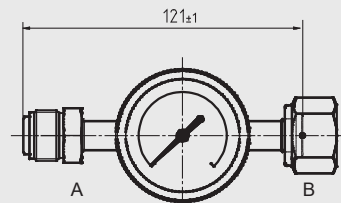
1/4" male nut / union nut  
Order code: M4F4



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



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



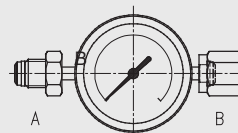
1/2" male nut / union nut  
Order code: M8F8

### 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

Horizontal installation



Order code: 1

Vertical installation



Order code: 2

### 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>				- <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 20px;"></td></tr></table>	
	<table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">B</td> </tr> </table>	A	B								
A	B										

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