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



## 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


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

## Special features

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

## 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

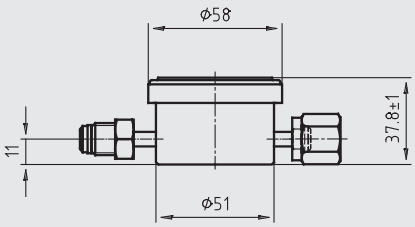
**Case**
Stainless steel 316L, electropolished

**Window**
Polycarbonate, twist-lock

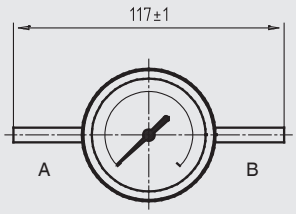


Data sheets showing similar products:
UHP flow-through gauge; model 432.25.1 1/8"; see data sheet PM 04.10
UHP flow-through gauge; model 432.25.1 1/2"; see data sheet PM 04.11

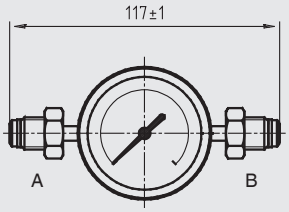
## Dimensions in mm



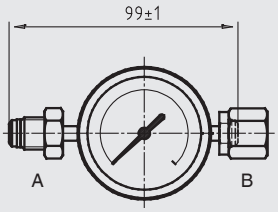

### Process connection



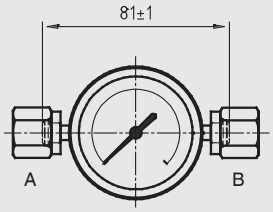

Weld-in connection on both sides
Order code: W4W4



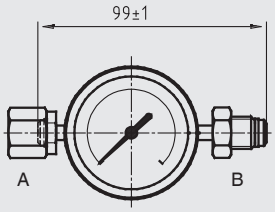

¼" male nut on both sides
Order code: M4M4



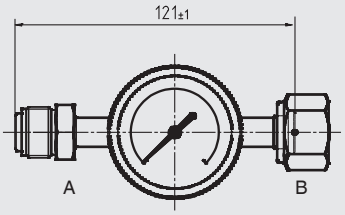

¼" male nut / union nut
Order code: M4F4




¼" union nut on both sides
Order code: F4F4




¼" union nut / male nut
Order code: F4M4



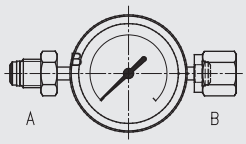

½" male nut / union nut
Order code: M8F8

### 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 | | | | | | | |
| | A | | B | | | | |





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