

# Bourdon Tube Pressure Gauge Model 332.54-UHP LM-All Stainless Steel Construction

WIKA Datasheet 332.54-UHP

## Applications

- Inspector's Test gauge
- Testing and calibration of other pressure measuring instruments

## Special features

- All stainless steel construction
- Removable bezel ring
- Calibration in accordance with NIST
- O2 Cleaning in accordance with ASME

## Standard version

### Design

ASME B40.100

### Size

4" (100mm)

### Accuracy class

- $\pm 0.25\%$  of span (ASME B40.1 Grade 3A) for pressure range -30" Hg to 600 psi
- $\pm 0.5\%$  of span (ASME B40.1 Grade 2A) for pressure range > 600 psi and < 2,000 psi
- $\pm 0.25\%$  of span (ASME B40.0 Grade 3A) for pressure range > 2,000 psi to 5,000 psi

### Ranges

Vacuum 30" Hg

Pressure from 15 psi to 5,000 psi (all ranges not available in 0.25% accuracy) or other equivalent units of pressure or vacuum

### Pressure Connection

Material: Face-Seal Nut, 316SS

Face-Seal Gland 316L SS

Position: Lower Mount (LM)

Type of Connection: Swivel Male (FSM)

Swivel Female (FSF)

### Socket

Material: 316LSS



## Pressure Gauge 332.54-UHP

### Bourdon Tube

Material: 316 SS

30" Hg (Vac) to 1,000 psi C-type

1,500 PSI to 5,000 psi helical type

### Movement

Stainless steel

### Dial

White aluminum with black lettering and mirrored band

### Pointer

Black aluminum, micrometer adjustable, with knife edge

### Case

304 SS with vent plug and polished stainless steel bayonet ring. Welded case to socket connection.

### Standard Scale

PSI

### Window

Laminated safety glass

### Working Range

Steady: Full scale value

Fluctuating: 0.9 x full scale value

Short time: 1.3 x full scale value

### Operating Temperature

Ambient: -40°F to 140°F (-40°C to 60°C)  
Media: max. 212°F (+100°C)

### Temperature error

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

### Window Gasket

Buna-N

### Weather protection

Weather tight (NEMA 4X / IP 65)

### Other

Supplied standard with a zippered, padded carry bag

### ORDER OPTIONS (min. order may apply)

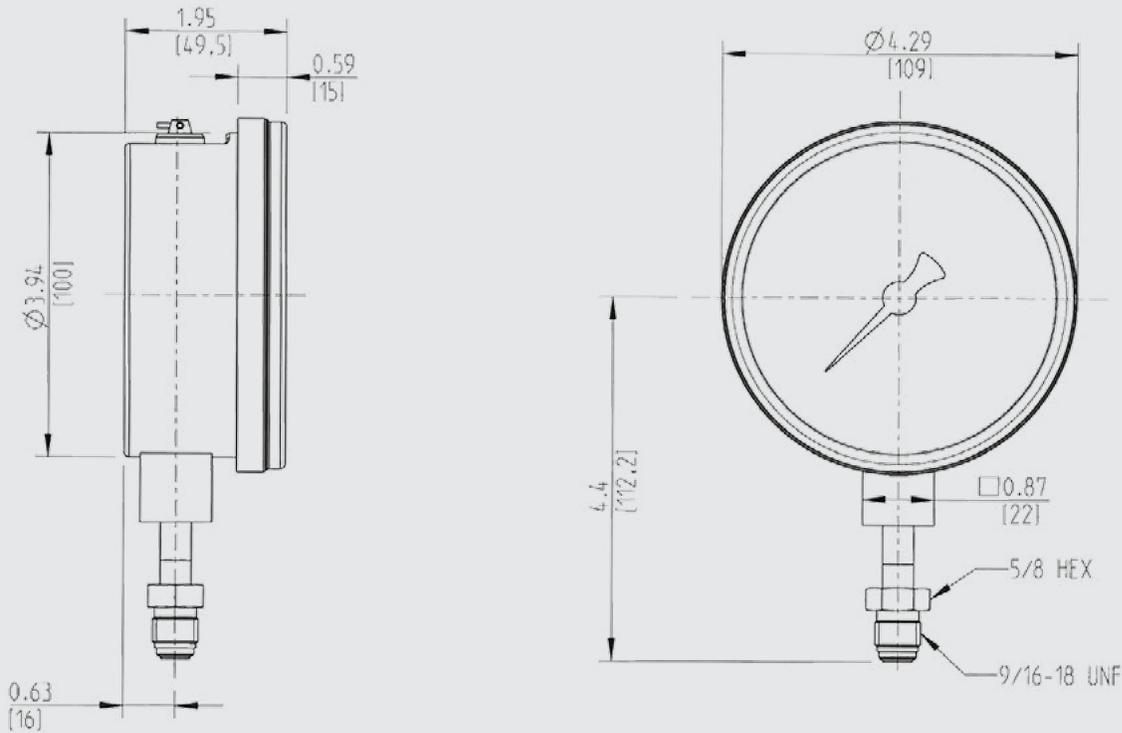
Custom dial layout

Other pressure scales available:

Bar, kPa, Kg/cm<sup>2</sup> and dual scales  
Red Mark Pointer

## Dimensions

### Standard versions



### Ordering information

State computer part number (if available) /type number/size/range/connection size and locations/options required. WIKA reserves the right to make changes without prior notice.



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