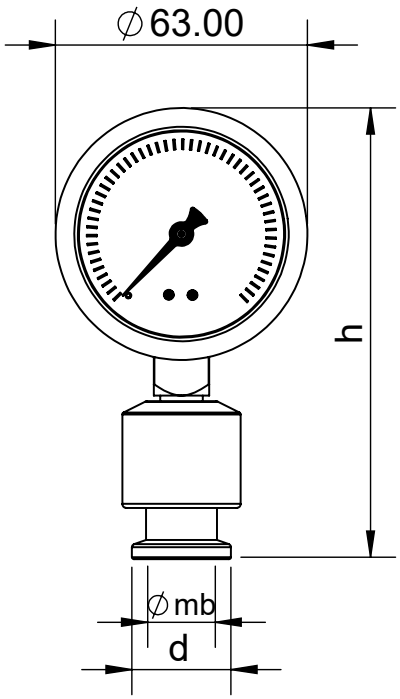
Mini 3/4" Tri-clamp Gauge
MICROTUBE 100



Introduction

The MT100 is a 63mm pressure gauge with ¾" Tri-Clamp diaphragm seal, developed to meet the increasing demand from pharmaceutical applications requiring a compact gauge and hygienic ¾" Tri-Clamp process connection.



Dimensions (mm)			
h	mb	d	Weight kg
112	16	25	0.3

Technical

Diameters: 63 mm
Case and ring: st. st. 304, bayonet type ring
Protection degree: IP65
Window: acrylic
Movement: st. st.
Dial: aluminium with black numerals on white background
Pointer: aluminium, black painted
Sensing element: Bourdon tube type
Element material: AISI 316L
Socket material: AISI 316L
Connection dimension: ¾" Tri-clamp diaphragm
Standard: DIN 32676 Series C for pipes ASME-BPE
Mounting: type A bottom connection, direct mounting
Ranges: 0/6 bar, 0/10 bar, 0/16 bar, 0/20 bar
Process temperature: -3 to 121 ºC
Ambient temperature: 4 to 49 ºC
In-line steam sterilisation: up to 149 ºC for 1 hour
Temperature effects: 0-90% scale < +/- 1.25% FSD per 5.5 ºC change in process or ambient temperature

Options

- Polished diaphragm with surface roughness Ra <0.4 µm for high cleanability in CIP process
- Glycerine filling for ambient temperature -25/+60 °C
- Silicone oil filling for ambient temperature -40/+60 °C
- Center back connection

Available certification

- 2.1 certificate of conformity
- 3.1 material certificate
- Surface finish certificate to ASME BPE
- Test certificate for indication accuracy
- FDA conformity for system fill fluid
- Others on request

How to order

Please specify: model, range, options, certificates
Example: MT100, 0/10 bar

Web: www.pci-instruments.com | Email: sales@pci-instruments.com | Tel: +44 (0)1704 509090