



Pressure Gauges - MC 100

- Capsule diaphragm gauges are used to measure low pressure values
 - Do not use if high viscosity fluids or crystallisable form available
 - Used with gas and liquids which do not attack stainless steel 316L.
 - In vibrating environments or with pulsating pressures liquid filled types should be use
- Industry Sector: Medical devices, Gas, Energy lines, and Machinery Manufacturing



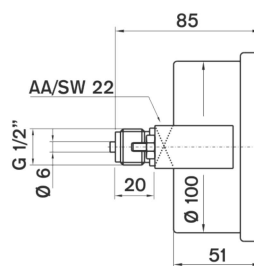
Usage Properties

Operating Pressure (max.)	• Must not exceed %75' of full scale.
Conformity	• EN 837 - 3
Accuracy Class	• CL 1.6
Ambient Temperature	• - 20 ... + 60 °C
Protection Rate	• IP 41
Mechanical Vibration Test	• 10Hz-150Hz 1 Octave/minute - 3 axis
Mechanical Shock Test Load	• 15g
Optimum Operating Range	• Between 0,1 x PN and 0,75 x PN
Over Pressure Limit	• PN x 1.25
Fluid Temperature	• Maximum + 100 °C
Storage Temperature	• -40 ... +70 °C

Constructive Properties

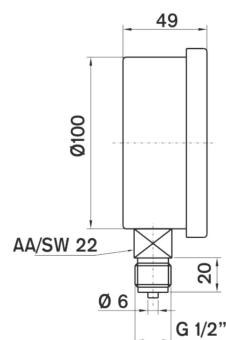
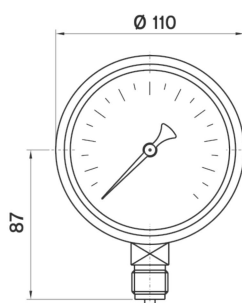
Mounting Type	• Bottom Connection
Scale Unit	• mbar
Scale Range (PN)	• 0/25 · 0/40 · 0/60 · 0/100 · 0/160 · 0/250 · 0 - 315 · 0/400 · 0/600 · 0 - 1000
Vacuum Scale Range	• -1000 / 0 · -25 / 0 · -40 / 0 · -60 / 0 · -100 / 0 · -160 / 0 · -250 / 0 · -400 / 0 · -600 / 0
Case	• Stainless Steel AISI-304
Bezel	• Stainless Steel AISI-304
Movement	• Stainless Steel AISI-304
Window	• Safety Glass
Wetted Parts	• Stainless Steel AISI-316L
Connection	• G 1/2" B
Dial	• Aluminum
Pointer	• Aluminum
Welding	• TIG Welding
Filling Liquid	

Technical Drawings - MC 100



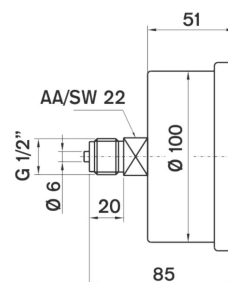
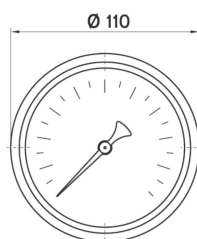
gr.
655

100 13 103 /



gr.
600

100 13 101 /



gr.
600

100 13 102 /