

bourdon tube pressure gauges stainless steel construction DS 4" (100mm)

MGS44



- Laser calibration
- Free zero
- Fillable with glycerine "on site"
- Wetted parts in AISI 316L
- Safety plug

They are designed for industrial use. They are suitable for tough working conditions and for aggressive fluids. An exclusive Laser calibration procedure features each instrument and allows a very precise accuracy. Filling the case with dampening liquid prevents any condensation and the entrance of corrosive atmosphere increasing its resistance to vibrations and to pulsating pressures.

1.44.2 - Glycerine Fillable Model

Design: EN 837-1.

Safety designation: S1 as per EN 837-2.

Ranges: from 0...15 to 0...6000 psi (from 0...1 to 0...400 bar or equivalent units).

Accuracy class: 1,6 as per EN 837-1.

Ambient temperature: -13...+149°F (-25...+65 °C).

Process fluid temperature: -13...+212 °F (-25...+100 °C).

Thermal drift: max ±0,4 % / 10 K of scale range (starting from +68°F-20°C).

Working pressure:

75% of FSV for static pressure.

66% of FSV for pulsating pressure.

Over pressure limit (15 min max):

25% of FSV for pressure ranges ≤ 1500 psi (100 bar);

15% of FSV for pressure ranges over 1500 psi (100 bar).

Protection degree: IP 67 as per IEC 529.

Socket material: AISI 316L st.st.

Elastic element: AISI 316L st.st.

Case: stainless steel

Ring: stainless stees, crimped

Window: tempered glass.

Movement: copper and stainless steel.

Dial: aluminium, white with black markings, or with double red and black markings.

Pointer: not adjustable, aluminium,black.

1.44.3 - Glycerine Filled Model

Damping liquid: glycerine 98%, silicon oil.

Ambient temperature:

+59...+149 °F (+15...+65 °C) with glycerine filling;

-22...+149 °F (-30...+65 °C) with silicon oil filling.

Process fluid temperature: max +149°F (+65 °C).

Other features: as fillable model.



For use in potentially explosive atmospheres, instruments must be designed in conformity to ATEX 94/9/CE. This version is shown on separate data sheet available on request.

