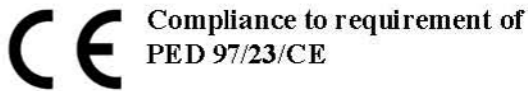


bourdon tube pressure gauges
anti-vibration version
DS 2.5" (63mm)

MGS10



Compliance to requirement of
PED 97/23/CE

Instruments designed for use on power units, pump, hydro-cleaning machines, presses, engine compressors, turbines, diesel engines, chemical, petrochemical and refrigerating plants and on machines and equipment where pulsating pressures or mechanical vibrations are apparent. They can be used with gaseous or liquid media which do not corrode copper alloy and which do not have high viscosity or do not cristalize.

1.10.2 – Fillable Model

Design: EN 837-1

Safety designation: S1 as per EN 837-2

Ranges: from 0...15 to 0...1000 PSI (from 0...1 to 0...600 bar or other equivalent units).

Accuracy class: 1.6 as per EN 837-1

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

Process fluid temperature: +212 °F (max +100 °C)

Thermal Drift: ±0,4 % / 10 K of ranges
(starting from 68°F – 20 °C).

Working pressure:

75% of FSV for static pressure;

66% of FSV for pulsating pressure.

100% of FSV for static pressure (max 12 hours)

Overpressure limit (15 min max):

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

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

Protection degree: IP 67 as per IEC 529.

Socket Material: copper alloy.

Bourdon tube: copper alloy.

Case: stainless steel.

Ring: stainless steel, polished, crimped

Window: plastic

Movement: copper and stainless steel

Dial: plastic, white with black markings

Pointer: not adjustable, aluminium, black

1.10.3 – Filled Model

Damping liquid: glycerine 98%, silicon oil or fluorinated fluid.

Ambient temperature:

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

-49...+149 °F (-45...+65 °C) with silicon oil filling;

-76...+149 °F (-60...+65 °C) with fluorinated fluid filling.

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

Other features: as filled model.