

▶ APPLICATIONS

- For measuring points with high dynamic pressure loads or vibrations
- For gaseous and liquid media that are not highly viscous or crystallising and will not attack copper alloy parts
- Hydraulics
- Compressors, shipbuilding



▶ DESCRIPTION

Design:
EN 837-1

Nominal Size:
63 mm

Accuracy class:
NS 63: 1.6

Scale ranges:
NS 63 = 0 ... 2,5 to 0 ... 60 bar
Or all other equivalent vacuum or combined pressure and vacuum ranges

Pressure limitation NS 50, 63:
Steady: 3/4 x full scale value
Fluctuating: 2/3 x full scale value
Short time: Full scale value

Permissible temperature:
Ambient: -20... +60°C
Medium: +60°C maximum

Temperature effect:
When the temperature of the measuring system deviates from the reference temperature (+20°C):
Max. ± 0.4% / 10 K of the span

Ingress protection:
IP 65 per EN 60 529 / IEC 60529

▶ STANDARD VERSION

Process connection:
Copper alloy, nickel plated nipple G ¼ to ½ male
Lower mount (LM)
NS 63: G ½" B (male)

Pressure element NS 63:
≤ 400 bar: Copper alloy, C-type or helical type
> 400 bar: Stainless steel 316L, helical type

Movement:
Copper alloy

Dial NS 63:
Plastic ABS, white, with pointer stop pin

Pointer NS 63:
Plastic black

Window:
Plastic, crystal-clear

Case:
Natural finish stainless steel, with blow-out device with
NS 63: at case circumference, 12 o'clock
O-ring seal between case and connection.
Scale ranges ≤ 0 ... 16 bar with compensating valve to vent case

Bezel ring:
Crimp ring, glossy finish stainless steel, triangular bezel

Filling liquid:
Glycerine

▶ CE CONFORMITY

Pressure equipment directive:
97/23/EC, PS > 200 bar, module A, pressure accessory