

INDUSTRIAL PRESSURE GAUGE MS-100K

- ✓ Casing diameter $\varnothing 100$
- ✓ Material of casing, process connection and measuring element – stainless steel
- ✓ Accuracy 1%

Application, construction

MS-100 pressure gauges are applicable to the measurement of the pressure of liquids and gases at temperatures up to 200°C. The range of pressures of the measured medium should correspond to 3/4 of the reading range of the pressure meter for constant pressures or 2/3 of the reading range for pulsating pressures. The casing box is made of stainless steel and has a window made of industrial glass. The pressure gauge's measuring element and process connection are made of stainless steel (or brass for version with diaphragm seals).



Technical data

Standard measurement ranges:

0...1, 1.6, 2.5, 4, 6, 10, 16, 25, 40, 60, 100, 160, 250, 400 bar
-1...0, 0.6, 1.5, 5, 9, 15 bar

Accuracy 1%
Diameter of the casing $\varnothing 100$
Material of the casing 0H18N9 (304ss)
Material of process connection and measuring element H17N13M2T (316Ti),

Process connection G1/2", M20×1.5 or 1/2"NPTM
Process connection outlet bottom (special version: back)

Operating temperature range

Filling fluid:
 without -40...90°C
 glycerine -20...65°C

Medium temperature range

Filling fluid:
 without up to 200°C
 glycerine up to 90°C

Degree of protection IP 65

Special versions

glycerine casing filled with glycerine
T back connection

Ordering procedure

MS-100K / / / / / ← MC3.1 - Material certificate
 NACE - NACE MR-01-75 comply
 Measurement range ↑
 Type of process connection (G1/2", M20×1.5, 1/2"NPTM)
 Special version: glycerine, T

Example: MS-100K pressure gauge / range 0 ÷ 6 bar / glycerine / G1/2" process connection

MS-100K / 0 ÷ 6 bar / glycerine / G1/2"