INDUSTRIAL PRESSURE GAUGE MS-100K

- ✓ **Casing diameter ∅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	∅100
Material of the casing	0H18N9 (304ss)
Material of process connection and measuring element	H17N13M2T (316Ti),
Process connection	G1/2″ or M20×1.5
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

MC3.1 - Material certificate
NACE - NACE MR-01-75 comply

MS-100K /__÷__/___/___/___

Measurement range

Special version: **glycerine, T**

Type of process connection (**G1/2″**, **M20×1.5**)

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

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