

# 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

### 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

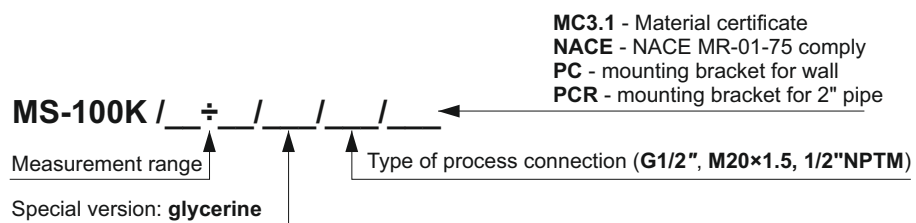
### Degree of protection

IP 65

## Special versions

**glycerine** casing filled with glycerine

## Ordering procedure



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

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