

# 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

<b>Accuracy</b>	1%
<b>Diameter of the casing</b>	$\varnothing 100$
<b>Material of the casing</b>	0H18N9 (304ss)
<b>Material of process connection and measuring element</b>	H17N13M2T (316Ti),
<b>Process connection</b>	G1/2" or M20×1.5
<b>Process connection outlet</b>	bottom (special version: back)

### Operating temperature range

<b>Filling fluid:</b>	
without	-40...90°C
glycerine	-20...65°C

### Medium temperature range

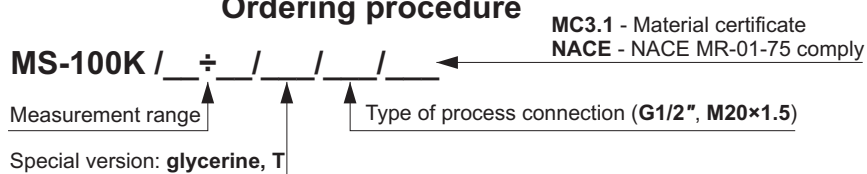
<b>Filling fluid:</b>	
without	up to 200°C
glycerine	up to 90°C

**Degree of protection** IP 65

## Special versions

<b>glycerine</b>	casing filled with glycerine
<b>T</b>	back connection

## Ordering procedure



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

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