



## Ordering key new pressure gauges

The following items will be excluded from this way of numbering

- Contactmanometers
- Tyre filling equipment
- Different pressure gauges
- Digital pressure gauges
- Festo pressure gauges
- Pressure gauges for spraying systems.

The new item number contains two parts:

**The first part** contains MA or MAV, this means Manometer VacuumMeter, followed by the case diameter and thereafter the pressure range.

Example: MA63 250 Manometer, case diameter 63 mm, pressure range 0 - 250 bar  
 MAV 100 010 Vacuummeter, case diameter 100 mm; pressure range -1 to 0 bar.

**The second part** contains letters and numbers which direct the following specifications:

- 1- connection in inches BSP (1/8, 1/4, 1/2)
- 2- position from the connection and case design
- 3- case material
- 4- protection, glycerine-filled (Y/N)

## Summary

### Diameters and quality classes for standard pressure gauges

(Quality class is the maximum permissible tolerance, plus and minus, in % from the maximum pressure range)

Diameter	Class
40	1,6
50	1,6
63	1,6
100	1,0
150	1,0

### Standard pressure range for pressure gauges

	Bar	code in the Kramp article number
Vacuum	-1 / +0	0100
Vacuum/pressure	-1 / +1,5	0115
	-1 / +3,0	0130
Pressure	0 - 1	1
	0 - 1,6	016
	0 - 2,5	025
	0 - 4	4
	0 - 6	6
	0 - 10	10
	0 - 16	16
	0 - 25	25
	0 - 40	40
	0 - 60	60
	0 - 100	100
	0 - 160	160
	0 - 250	250
	0 - 400	400
	0 - 600	600
	0 - 1000	1000

### Second part of the pressure gauge item number:

Connection position		Case design		Connection size		Case material		Protection	
low	standard	L		1/8"	02	Steel	ST		
back	standard	B		1/4"	04	Stainless Steel	SS	Glycerin-Filled	GF
back	panel	P		1/2"	08	Plastic	PL		

Lower Mount	<b>L</b>	<b>Low</b>
Back Mount	<b>B</b>	<b>Back</b>
Panel	<b>P</b>	<b>Panel</b>
Steel	<b>ST</b>	<b>Steel</b>
Stainless Steel	<b>SS</b>	<b>Stainless Steel</b>
Plastic	<b>PL</b>	<b>Plastic</b>
Glycerin-Filled	<b>GF</b>	<b>Glycerin - Filled</b>

### Examples:

**A**

#### MA63 250 B04 ST

Pressure gauge, diameter 63 mm, 0 - 250 bar, 1/4" connection back mount, steel case.

**B**

#### MA100 16 P08 SS GF

Pressure gauge, diameter 100 mm, 0 - 16 bar, panel mount, 1/2" back mount, Stainless Steel case and glycerin filled.

**C**

#### MAV100 0113 L08 ST

Vacuummeter, diameter 100mm, -1 - 1,3 bar, lower mount 1/2", steel case