

Pressure gauges - vertical

Standard	Housing	Connection
	Plastic	Brass
Optional	Housing	Connection
	Steel	Brass



Order example: MS -140 **

Standard type

Designation for the options:
Housing made of steel sheet,
Class 1.6-ST

Ø 80 Ø 100	Housing	Connection
	Plastic	Brass
Ø 160	Housing	Connection
	Steel	Brass



Housing	Connection
Steel	Brass



oil and grease free

Pressure gauges vertical Ø 40 mm, Ø 50 mm, Ø 63 mm

Class 2.5

Materials: Housing: Plastic black, measuring system and indicator: Brass, window: Plastic transparent

Connection thread: G 1/4" (Ø 40: G 1/8")

Class: 2.5, temperature range: Environment: -20°C to max. +60°C, measured material: Max. +60°C

Dial: 1. scale outside (black), display in bar, 2. scale inside (red), display in PSI, protection class: IP 42

Optional: Housing made of steel sheet, class 1.6 -ST

Type Ø 40 / G 1/8"	Type Ø 40 / G 1/4"	Type Ø 50 / G 1/4"	Type Ø 63 / G 1/4"	Scale graduation	Display range
---	---	---	MS -120063 MB	50	for vacuum -1200/0 mbar
MS -140	---	MS -150	MS -163	0.05	for vacuum -1/0 bar
---	---	---	MS -10663	0.05	for vacuum -1/+0.6 bar
---	---	---	MS -11,563	0.1	for vacuum -1/+1.5 bar
---	---	---	MS -1363	0.2	for vacuum -1/+3 bar
---	---	---	MS -1563	0.2	for vacuum -1/+5 bar
---	---	---	MS -1963	0.5	for vacuum -1/+9 bar
---	---	---	MS -11563	0.5	for vacuum -1/+15 bar
---	---	---	MS 0663	0.02	0/0.6 bar
---	---	MS 150	MS 163	0.05	0/1 bar
MS 1,640	---	MS 1,650	MS 1,663	0.05	0/1.6 bar
MS 2,540	---	MS 2,550	MS 2,563	0.1	0/2.5 bar
MS 440	---	MS 450	MS 463	0.2	0/4 bar
MS 640	MS 644*	MS 650	MS 663	0.2	0/6 bar
MS 1040	MS 1044*	MS 1050	MS 1063	0.5	0/10 bar
MS 1640	MS 1644*	MS 1650	MS 1663	0.5	0/16 bar
MS 2540	---	MS 2550	MS 2563	1	0/25 bar
MS 4040	---	MS 4050	MS 4063	2	0/40 bar
---	---	MS 6050	MS 6063	2	0/60 bar
---	---	MS 10050	MS 10063	5	0/100 bar
---	---	MS 16050	MS 16063	5	0/160 bar
---	---	---	MS 25063	10	0/250 bar
---	---	---	MS 31563	10	0/315 bar
---	---	---	MS 40063	20	0/400 bar

* division only in bar, ** with centring pin for profiled seal

Pressure gauges vertical Ø 80 mm, Ø 100 mm, Ø 160 mm

Class 2.5/1.6

Materials: Housing: Plastic black, measuring system and indicator: Cu-alloy, window: Plastic clear, (Ø 160: housing: steel black, measuring system and indicator: Cu-alloy, window: instrument plate glass)

Connection thread: G 1/2" (Ø 160: 1.6)

Temperature range: Environment: -20°C to max. +60°C, measured material: Max. +60°C, protection class: IP 42

Type Ø 80	Type Ø 100	Type Ø 160	Scale graduation	Display range
---	MS -1200100 MB	MS -1200160 MB	20	for vacuum -1200/0 mbar
MS -180	MS -1100	MS -1160	0.02	for vacuum -1/0 bar
---	MS -106100	---	0.05	for vacuum -1/+0.6 bar
MS -11,580	MS -11,5100	MS -11,5160	0.05	for vacuum -1/+1.5 bar
MS -1380	MS -13100	MS -13160	0.1	for vacuum -1/+3 bar
MS -1580	MS -15100	MS -15160	0.1	for vacuum -1/+5 bar
MS -1980	MS -19100	MS -19160	0.2	for vacuum -1/+9 bar
MS -11580	MS -115100	MS -115160	0.5	for vacuum -1/+15 bar
MS 0680*	MS 06100*	MS 06160*	0.01	0/0.6 bar
MS 180*	MS 1100*	MS 1160*	0.02	0/1 bar
MS 1,680*	MS 1,6100*	MS 1,6160*	0.05	0/1.6 bar
MS 2,580*	MS 2,5100*	MS 2,5160*	0.05	0/2.5 bar
MS 480*	MS 4100*	MS 4160*	0.1	0/4 bar
MS 680*	MS 6100*	MS 6160*	0.1	0/6 bar
MS 1080*	MS 10100*	MS 10160*	0.2	0/10 bar
MS 1680*	MS 16100*	MS 16160*	0.5	0/16 bar
MS 2580*	MS 25100*	MS 25160*	0.5	0/25 bar
MS 4080*	MS 40100*	MS 40160*	1	0/40 bar
MS 6080*	MS 60100*	---	1	0/60 bar
---	MS 100100	---	2	0/100 bar
---	MS 160100	---	5	0/160 bar
---	MS 250100	---	5	0/250 bar
---	MS 400100	---	10	0/400 bar

* comes with a red marking indicator, ** with centring pin for profiled seal

Welding technology pressure gauges Ø 63 mm

Class 2.5

Materials: Housing: Steel brass coloured with pressure relief opening in the back wall, measuring system and indicator: Cu-alloy, window: Polycarbonate

Connection thread: G 1/4"

Class: 2.5, temperature range: Environment: -20°C to max. +60°C, protection class: IP 42

Type oil and oil-free for oxygen	Type for acetylene	Type neutral	Type argon/CO ₂	Scale graduation	Display range
---	MS 2,563 ACGAS	---	---	0.1	0/2.5 bar
MS 1663 SAU	---	---	---	0.5	0/16 bar
MS 4063 SAU	MS 4063 ACGAS	---	---	2	0/40 bar
MS 31563 SAU	---	MS 31563-200	---	10	0/315 bar
MS 40063 SAU	---	MS 40063-300	---	20	0/400 bar
---	---	---	MS 30L63 AR	---	0-30 l/min (Ar) 0-28 l/min (CO ₂)

* with centring pin for profiled seal

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.