

Precision pressure gauges

Housing	Connection
INOX	Brass



Precision pressure gauges vertical Ø 160 mm stainless steel/brass

Class 0.6

Materials: Housing: AISI 304, measuring system: Cu-alloy (AISI 316Ti for pressures ≥ 100 bar), connection: Brass,

window: Instrument plate glass

Connection thread: G 1/2"

Class: 0.6

Temperature range: Environment: -40°C to max. +60°C, measured material: Max. +80°C

Protection class: IP 54

Type	Scale graduation	Display range	Type	Scale graduation	Display range
MSF -1200160 MB	10	for vacuum -1200/0 mbar	MSF 6160	0.05	0/6 bar
MSF -1160	0.005	for vacuum -1/0 bar	MSF 10160	0.05	0/10 bar
MSF -106160	0.01	for vacuum -1/+0.6 bar	MSF 16160	0.1	0/16 bar
MSF -11.5160	0.02	for vacuum -1/+1.5 bar	MSF 25160	0.2	0/25 bar
MSF -13160	0.02	for vacuum -1/+3 bar	MSF 40160	0.2	0/40 bar
MSF -15160	0.05	for vacuum -1/+5 bar	MSF 60160	0.5	0/60 bar
MSF -19160	0.05	for vacuum -1/+9 bar	MSF 100160	0.5	0/100 bar
MSF -115160	0.1	for vacuum -1/+15 bar	MSF 160160	1	0/160 bar
MSF 06160	0.005	0/0.6 bar	MSF 250160	2	0/250 bar
MSF 1160	0.005	0/1 bar	MSF 400160	2	0/400 bar
MSF 1,6160	0.01	0/1.6 bar	MSF 600160	5	0/600 bar
MSF 2,5160	0.02	0/2.5 bar	MSF 1000160	5	0/1000 bar
MSF 4160	0.02	0/4 bar	MSF 1600160	10	0/1600 bar

* with centring pin for profiled seal

Housing	Connection	Window
INOX	INOX	S



Precision safety pressure gauges vertical Ø 160 mm

Class 0.6

Suitable: Pressure gauge for extra safety in line with S 3 EN 837-1 (DIN 16006) with blow-out back and unbreakable baffle wall

Materials: Housing: AISI 304, measuring system and connection: AISI 316L, window: Laminated safety glass

Connection thread: G 1/2"

Class: 0.6

Temperature range: Environment: -40°C to max. +60°C, measured material: Max. +200°C

Protection class: IP 54

Type	Scale graduation	Display range	Type	Scale graduation	Display range
MSSF -15160 ES	0.05	for vacuum -1/+5 bar	MSSF 16160 ES	0.1	0/16 bar
MSSF -19160 ES	0.05	for vacuum -1/+9 bar	MSSF 25160 ES	0.2	0/25 bar
MSSF -115160 ES	0.1	for vacuum -1/+15 bar	MSSF 40160 ES	0.2	0/40 bar
MSSF 06160 ES	0.005	0/0.6 bar	MSSF 60160 ES	0.5	0/60 bar
MSSF 1160 ES	0.005	0/1 bar	MSSF 100160 ES	0.5	0/100 bar
MSSF 1,6160 ES	0.01	0/1.6 bar	MSSF 160160 ES	1	0/160 bar
MSSF 2,5160 ES	0.02	0/2.5 bar	MSSF 250160 ES	2	0/250 bar
MSSF 4160 ES	0.02	0/4 bar	MSSF 400160 ES	2	0/400 bar
MSSF 6160 ES	0.05	0/6 bar	MSSF 600160 ES	5	0/600 bar
MSSF 10160 ES	0.05	0/10 bar			

* with centring pin for profiled seal

Housing	Connection
INOX	Brass



Precision pressure gauges horizontal Ø 160 mm stainless steel/brass

Class 0.6

Materials: Housing and front ring: AISI 304, measuring system: Cu-alloy (pressures ≥ 100 bar: AISI 316L), connection: Brass, window: Instrument plate glass

Connection thread: G 1/2", back mounted, off-centre

Class: 0.6

Temperature range: Environment: -40°C to max. +60°C, measured material: Max. +80°C

Protection class: IP 54

Type	Scale graduation	Display range	Type	Scale graduation	Display range
MWF 1,6160	0.01	0/1.6 bar	MWF 40160	0.2	0/40 bar
MWF 2,5160	0.02	0/2.5 bar	MWF 60160	0.5	0/60 bar
MWF 6160	0.05	0/6 bar	MWF 100160	0.5	0/100 bar
MWF 10160	0.05	0/10 bar	MWF 160160	1	0/160 bar
MWF 16160	0.1	0/16 bar	MWF 250160	2	0/250 bar
MWF 25160	0.2	0/25 bar	MWF 400160	2	0/400 bar

* with centring pin for profiled seal



Screw connections with union nuts from page 53



Pressure regulator valves with push-in fittings from page 34



3/2 directional valves with push-in fittings from page 35



Precision pressure regulator from page 346

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.