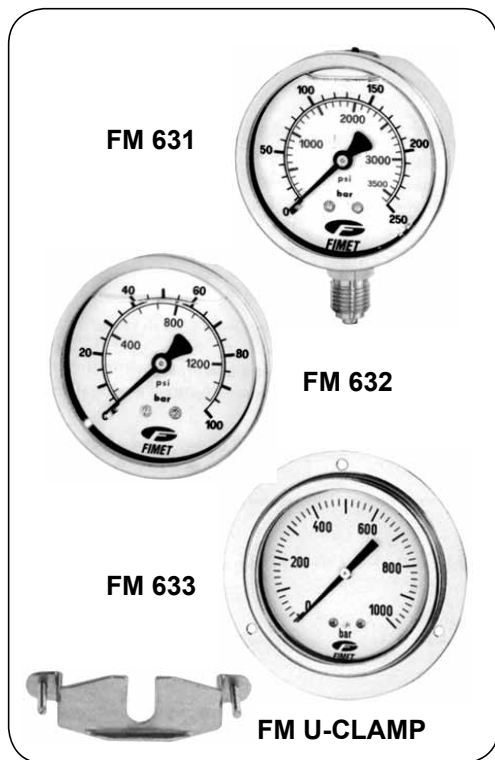


MEASURING SYSTEMS - pressure gauge



FM 631 / 632 / 633

Diameter:	63 mm
Case:	Stainless steel
Window:	Polycarbonate
Sensing element:	Copper alloy Bourdon tube
Connection:	Brass
Fill:	Glycerol 86.5%
Working temp.:	From -10°C up to +60°C
Internal protection:	1.6
Operational position:	Vertical (+/-5%)
Versions:	FM 631 - bottom connection FM 632 - back connection FM 633 - for panel mounting

Standard pressure gauge intended for application in industry. A measuring range must be chosen according to working pressure, so that:

- constant or slowly fluctuating pressure does not exceed 75% of measuring range,
- pulsating pressure does not exceed 60% of measuring range,
- dynamic pressure impulses do not exceed the maximum measuring range,

For appropriate choice of pressure gauges for gases above 25 bar and for welding gases (oxygen, acetylene) please contact TUBES INTERNATIONAL® Sales or Technical Department. Because of the material used to make the measuring parts of pressure gauges, they must not be used for application with viscous, caustic and crystallisable fluids.

code	code	code	measuring range [bar]	male thread connection [inch]
FM-631-000	FM-632-000	FM-633-000	-1 ÷ 0	1/4
FM-631-001	FM-632-001	FM-633-001	0 ÷ 1	1/4
FM-631-002	FM-632-002	FM-633-002	0 ÷ 2.5	1/4
FM-631-004	FM-632-004	FM-633-004	0 ÷ 4	1/4
FM-631-006	FM-632-006	FM-633-006	0 ÷ 6	1/4
FM-631-010	FM-632-010	FM-633-010	0 ÷ 10	1/4
FM-631-012	FM-632-012	FM-633-012	0 ÷ 12	1/4
FM-631-016	FM-632-016	FM-633-016	0 ÷ 16	1/4
FM-631-020	FM-632-020	FM-633-020	0 ÷ 20	1/4
FM-631-025	FM-632-025	FM-633-025	0 ÷ 25	1/4
FM-631-040	FM-632-040	FM-633-040	0 ÷ 40	1/4
FM-631-060	FM-632-060	FM-633-060	0 ÷ 60	1/4
FM-631-100	FM-632-100	FM-633-100	0 ÷ 100	1/4
FM-631-160	FM-632-160	FM-633-160	0 ÷ 160	1/4
FM-631-250	FM-632-250	FM-633-250	0 ÷ 250	1/4
FM-631-315	FM-632-315	FM-633-315	0 ÷ 315	1/4
FM-631-400	FM-632-400	FM-633-400	0 ÷ 400	1/4
FM-631-600	FM-632-600	FM-633-600	0 ÷ 600	1/4
FM-U-CLAMP	clamp for panel mounting of pressure gauges FM 632 type			

MEASURING SYSTEMS - pressure gauge



Pressure gauge adaptor

Material: Brass or AISI 316Ti steel

Seal: Flat

Adaptors designed for the connection of pressure measuring equipment, pressure gauge valves, pressure gauge cocks and other accessories.

picture	code	thread size	
		female	male
	FM-RD-04B-02B	1/4 BSP	1/8 BSP
	FM-RD-04B-06B	1/4 BSP	3/8 BSP
	FM-RD-04B-08B	1/4 BSP	1/2 BSP
	FM-RD-04B-M10	1/4 BSP	M10x1
	FM-RD-04B-M12	1/4 BSP	M12x1.5
	FM-RD-08B-04N	1/2 BSP	1/4 NPT
	FM-RD-08B-04B	1/2 BSP	1/4 BSP
	FM-RD-08B-06B	1/2 BSP	3/8 BSP
	FM-RD-08B-M20	1/2 BSP	M20x1.5
	FM-RD-M20-08B	M20x1.5	1/2 BSP

Code example of AISI 316 Ti steel adaptor: FM-RD-04B-02B-SS.
Working pressure depends on thread size and adaptor material.



Pressure gauge nipple adaptor

Material: Brass or AISI 316Ti steel

Seal: Flat

Adaptors designed for the connection of pressure measuring equipment, pressure gauge valves, pressure gauge cocks and other accessories.

picture	code	thread size	
		female	male
	FM-RDN-04B-06B	1/4 BSP	3/8 BSP
	FM-RDN-04B-08B	1/4 BSP	1/2 BSP
	FM-RDN-04B-06N	1/4 BSP	3/8 NPT
	FM-RDN-04B-08N	1/4 BSP	1/2 NPT
	FM-RDN-04B-M20	1/4 BSP	M 20x1.5

Code example of AISI 316 Ti steel adaptor: FM-RDN-04B-06B-SS.
Working pressure depends on thread size and adaptor material.