

MODEL:MP



Applications:

For gaseous and liquid aggressive media that are not highly viscous or crystallizable, also in aggressive ambience. With liquid filled version for high dynamic pressure vibration. Process industries including chemical plants, petro-chemical refineries, pharmaceutical, food and beverage processing, offshore oil platforms, papermills, salt mines, fertilizer plants and on shipboard

Special feature:

Vibration and shock resistant (with liquid filling)
Strong TIG welded between case and socket
Pressure range from vacuum up to 1000bar/15000psi

Specifications:

Design: EN 837-1 and ASME B40.100

Dial size: 2.5", 4"

Accuracy: 2.5": 1.6%
4": 1.0%

Range:

Pressure ranges: 0-1bar/psi to 1000bar/psi

Vacuum: -1bar/psi to 0

Compound: -1bar/psi to 24bar/psi

Working pressure:

2.5": Steady: 3/4 scale value

Fluctuating: 2/3 full scale value

Short time: full scale value

4": Steady: full scale value

Fluctuating: 90% of full scale value

Short time: 130% of full scale value

Operating Temperature:

Ambient: -40 to 100 deg C dry or silicone oil filled

-20 to 60 deg C glycerin filled

Medium: +60 deg C maximum

Weather protection class: IP65

Pressure connection:

2.5": 1/4" NPT, lower mount or center back, in 316 stainless steel

4": 1/2" NPT, lower mount or lower back, in 316 stainless steel

Bourdon tube: 316L

Movement: 304 stainless steel

Dial: Aluminum, white background, black and red marking, with pointer stop

Pointer: Black aluminum

Case: 304 stainless steel case and crimped ring, with vent plug at top, suitable for liquid filling.

Window: Polycarbonate as standard, Toughened glass for option

Liquid filling: Glycerin 99.7%, silicone for option

Option:

Diaphragm Seal

Restrictor

Front flange, Back flange, U-clamp

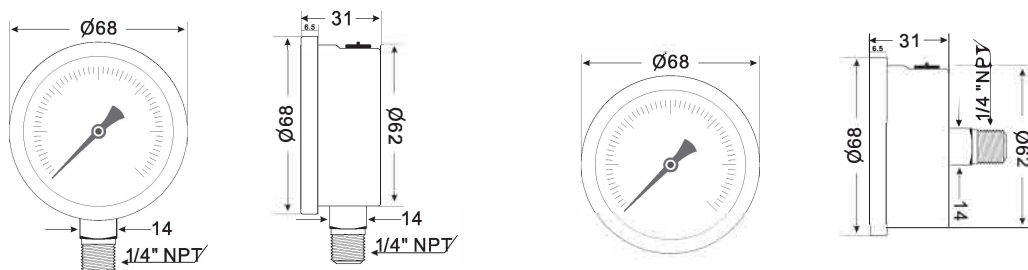
Silicone oil filled

Special dial plate, with custom dial layout

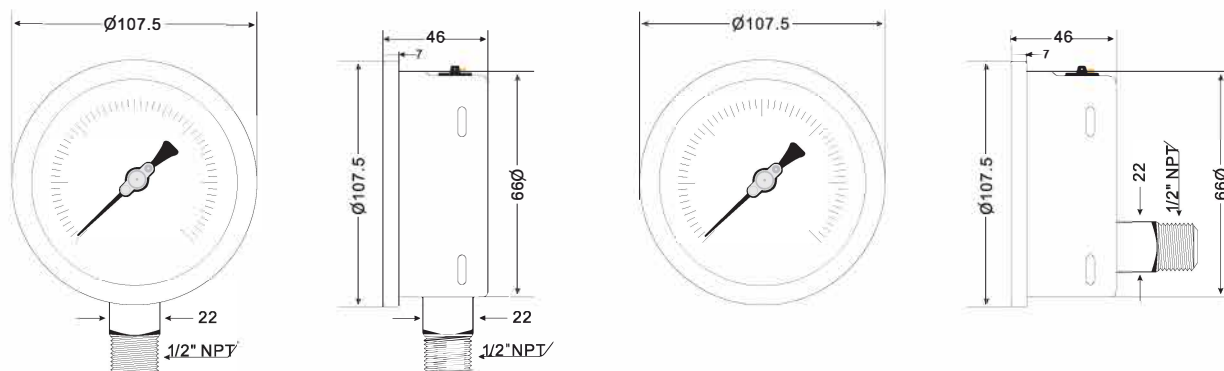
Other pressure unit available kPa, Mpa, kg/cm², dual scale etc

Dimension drawing

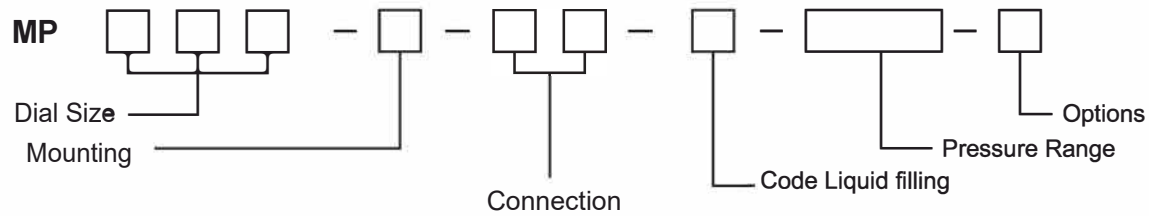
2.5"



4"



How to order:



Code Dial Size

063	63mm (2.5")
100	100mm (4")

Code Mounting

- 1 Bottom Connection
- 2 Back Connection
- 4 Bottom Connection with back flange
- 5 Back Connection with front flange
- 6 Back Connection with U-clamp

Code Connection

1	NPT	1	1/8"
2	BSP	2	1/4"
3	BSPT	3	3/8" w/adaptor
4		4	1/2" w/adaptor

Code Liquid filling

D	Dry but fillable
G	Glycerin
S	Silicone

Pressure Range

See Standard Pressure Ranges

Options

See options

Dial Size

Mounting

Connection _____