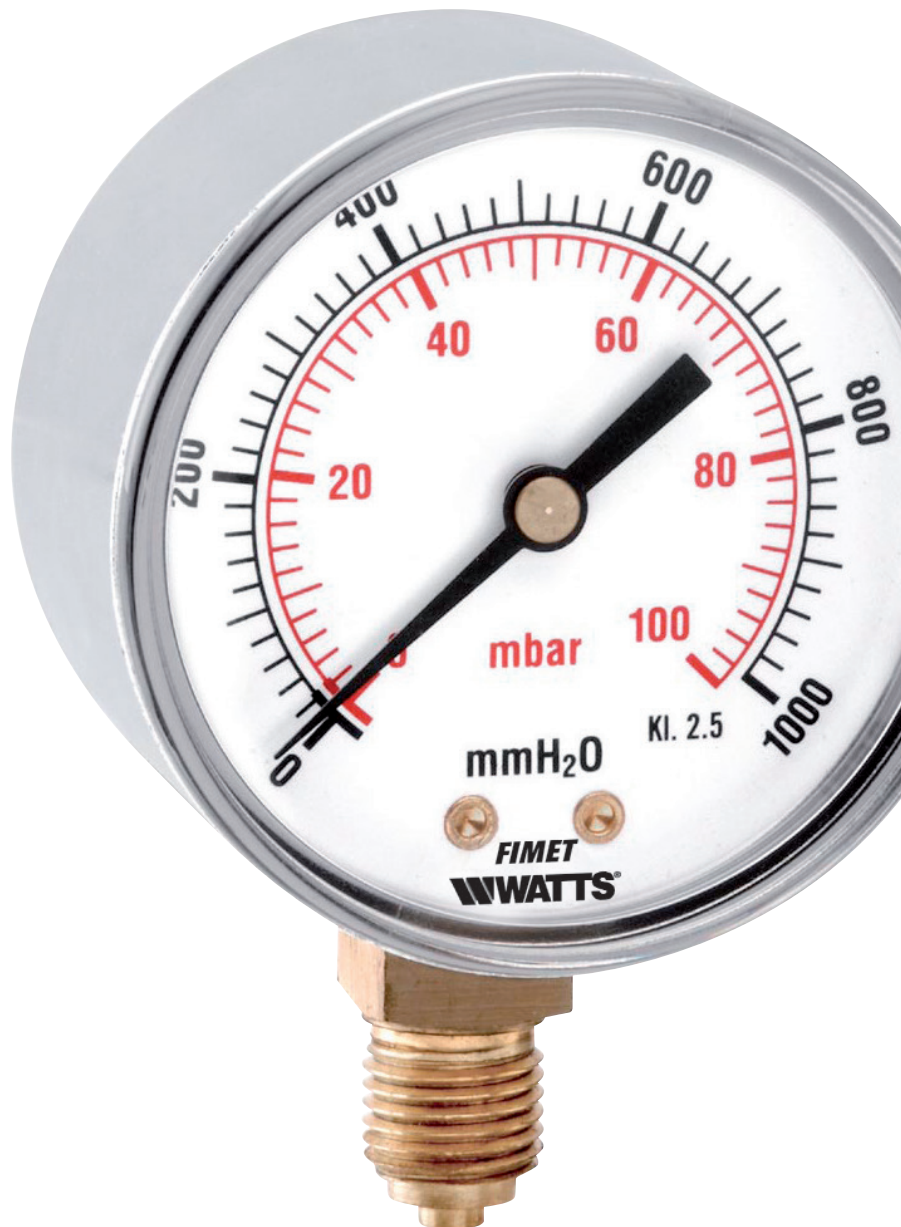


# MP1

Capsule pressure gauges

## Technical Data Sheet



## Description

Dry steel case bottom entry. For industry, gases and liquids not viscous, not aggressive and not crystallising.

### MP1-63

DN63 pressure gauges.



Part No	Pressure Range	Connection	Options*	Box/Master	Min. order
PP354410	0-600/0-60 mmH <sub>2</sub> O/mbar	G1/4B	D+LF	1/50	1
PP354810	0-1000/0-100 mmH <sub>2</sub> O/mbar	G1/4B	D+LF	1/50	1
PP356010	0-2500/0-250 mmH <sub>2</sub> O/mbar	G1/4B	D+LF	1/50	1
PP356610	0-4000/0-400 mmH <sub>2</sub> O/mbar	G1/4B	D+LF	1/50	1
PP357010	0-6000/0-600mmH <sub>2</sub> O/mbar	G1/4B	D+LF	1/50	1

### MP1-80

DN80 pressure gauges.



Part No	Pressure Range	Connection	Options*	Box/Master	Min. order
PP454411	0-600/0-60 mmH <sub>2</sub> O/mbar	G3/8B	D+LF	1/50	1
PP454811	0-1000/0-100 mmH <sub>2</sub> O/mbar	G3/8B	D+LF	1/50	1
PP456011	0-2500/0-250 mmH <sub>2</sub> O/mbar	G3/8B	D+LF	1/50	1
PP456611	0-4000/0-400 mmH <sub>2</sub> O/mbar	G3/8B	D+LF	1/50	1
PP457011	0-6000/0-600mmH <sub>2</sub> O/mbar	G3/8B	D+LF	1/50	1

### MP1-100

DN100 pressure gauges.



Part No	Pressure Range	Connection	Options*	Box/Master	Min. order
PP554412	0-600/0-60 mmH <sub>2</sub> O/mbar	G1/2B	D+LF	1/12	1
PP554812	0-1000/0-100 mmH <sub>2</sub> O/mbar	G1/2B	D+LF	1/12	1
PP556012	0-2500/0-250 mmH <sub>2</sub> O/mbar	G1/2B	D+LF	1/12	1
PP556612	0-4000/0-400 mmH <sub>2</sub> O/mbar	G1/2B	D+LF	1/12	1
PP557012	0-6000/0-600mmH <sub>2</sub> O/mbar	G1/2B	D+LF	1/12	1

#### \*Options included

D = Dual scale mmH<sub>2</sub>O/mbar (red/black)  
 LF = Fimet Watts logo on the dial

## Customizations per minimum order quantity

Customizations	Model
Customized dials, other scale ranges or connections on request	MP1-63/80/100

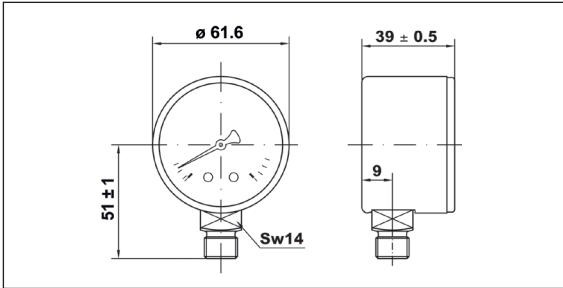
## Features

Materials	MP1-63	MP1-80	MP1-100
Case	Chrome-plated steel	Chrome-plated steel	Chrome-plated steel
Window	Clear plastic	Clear plastic	Clear plastic
Dial	Aluminium white	Aluminium white	Aluminium white
Pointer	Aluminium black	Aluminium black	Aluminium black
Pressure connection	Cu-alloy, 14 mm flats	Cu-alloy, 18 mm flats	Cu-alloy, 21 mm flats
Pressure element	Capsule Cu-alloy, O-Ring Perbunan	Capsule Cu-alloy, O-Ring Perbunan	Capsule Cu-alloy, O-Ring Perbunan
Movement	Cu-alloy	Cu-alloy	Cu-alloy

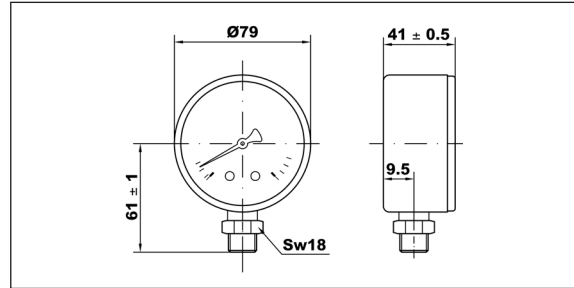
Technical features	
Design	EN 837-1
Working pressure	Steady: 75% of full scale value Fluctuating: 60% of full scale value Short time: full scale value
Temperature limits	Ambient: -20 ... +60°C Medium: +40°C maximum Storage: -20 ... +60°C
Temperature effect	Deviation from reference temperature (+20°C): $\pm 0,04\%/1K$ of the span
Accuracy class	cl. 2.5 with zero point adjustment
Degree of protection	IP 31 for EN 60 529 / IEC 529
Individual weight:	
MP1-63	0.175 kg
MP1-80	0.265 kg
MP1-100	0.440 kg

## Overall dimensions (mm)

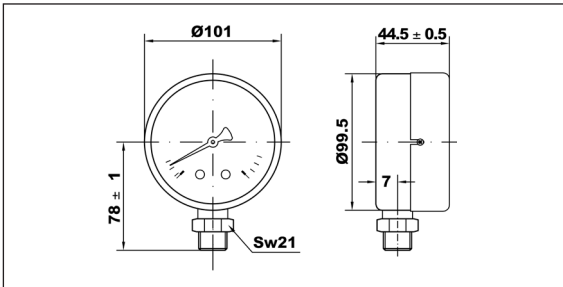
### MP1-63



### MP1-80



### MP1-100



## Specification text

Capsule pressure gauges for gas, **MP1 Series**, WATTS brand, for industry, gases and liquids not viscous, not aggressive and not crystallizing. **Dry steel** case DN 63-80-100 mm **bottom entry**. Measures range from 0-60 up to 600 **mbar/mmH2O**. Temperature limits + 40°C, Accuracy class 2,5 with zero point adjustment. **Compliant with EN 837-3**.

The descriptions and photographs contained in this product specification sheet are supplied by way of information only and are not binding.

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