



# Capsule Pressure Gauges

## Stainless Steel Case

### Copper Alloy & Stainless Steel Wetted Parts

#### Low Pressure Series • Type 610.20

## Pressure Gauges

### Application

Fluid medium, gaseous or dry, which does not clog connection port or corrode copper alloy.

### Size

6" (160 mm)

### Accuracy

± 0.5% of span  
ASME B40.1 Grade 2A

### Ranges (All ranges not stocked)

4 "H<sub>2</sub>O to 240 "H<sub>2</sub>O (10 to 600 mbar)  
or other equivalent units of pressure or vacuum.

### Working Range

Steady: Full scale value  
Fluctuating: 0.9 x full scale value

### Operating Temperature

Ambient: -4°F to 140°F (-20°C to +60°C)  
Media: max. 140°F (+60°C)

### Temperature Error

Additional error when temperature changes from reference temperature of 68°F (20°C) ±0.4% for every 18°F (10°C) rising or falling. Percentage of span.



## Standard Features

### Connection

Material: copper alloy  
Lower mount (LM)  
Lower back mount (LBM)  
1/4" NPT or 1/2" NPT

### Capsule Element

Stainless steel

### Movement

Copper alloy. Zero adjustment screw on dial

### Dial

White aluminum with black lettering

### Pointer

Black aluminum with knife edge

### Case

304 stainless steel with stainless steel bayonet ring

### Weather Protection

Weather resistant (NEMA 4 / IP 54)

### Standard Scales

in. H<sub>2</sub>O/mm H<sub>2</sub>O  
oz.-sq. in./mm H<sub>2</sub>O  
oz.-sq. in./in. H<sub>2</sub>O  
PSI

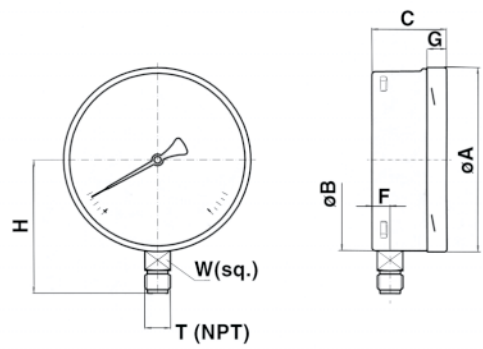
### Window

Acrylic

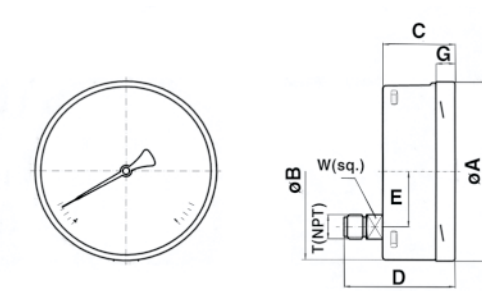
### Order Options (min. order may apply)

316 stainless steel wetted parts (**Type 630.20**)  
Stainless steel movement  
Front or rear flange  
Brass threaded restrictor  
U-Clamp  
Flat glass window  
Safety glass window  
Overpressure and underpressure protection  
Cleaned for oxygen service  
Medical specification  
Special connections limited to wrench flat area  
Nickel or chrome plated connection  
Custom dial layout  
DIN standards  
Other pressure scales available

Dimensions:



Type 610.20  
Lower Mount (LM)



Type 610.20  
Center Back Mount (CBM)

| TYPE/SIZE    | WEIGHT    | KEY | A    | B    | C    | D    | E    | F    | G    | H    | T    | W    |
|--------------|-----------|-----|------|------|------|------|------|------|------|------|------|------|
| 610.20<br>6" | 2.70 lbs. | mm  | 161  | 159  | 65.5 | 99   | 50   | 15.5 | 17.5 | 118  | 1/2" | 22   |
|              |           | in  | 6.34 | 6.26 | 2.58 | 3.90 | 1.97 | 0.61 | 0.69 | 4.65 |      | 0.87 |

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Total Performance™

Ordering Information:

State computer part number (if available) / type number / size / range / connection size and location / options required.

Specifications given in this price list represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice



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