# Capsule Element Pressure Gauge Model: PL2

### **Applications**

- For gaseous and liquid aggressive media that are not highly viscous or crystallising, also in aggressive ambience
- Process industry: Chemical/petro chemical, power stations, food and beverage, offshore oil rigs, pulp and paper, environmental technology, machine building and general plant construction
- Gas Measurement; Burners and Leak Detectors



#### **Special features**

- According to nace MR 0175 & MR0103 standard
- Stabilizer movement
- Anti-glare & Anti-static window
- Zero-adjustment through window
- All stainless steel construction
- Design EN 837-3
- Scale ranges up to 0 ... 600mbar

#### Description

<ul><li>Accuracy class</li><li>Pressure element</li></ul>	NS 63: 1.6 NS 100, 160: 1.6% 1% (option) Brass and Stainless steel 316L Capsul type Hastelloy, Monel, Tantalum(option)
<ul> <li>Process connection</li> </ul>	Brass and Stainless steel 316L back & bottom NS 63: 1/4 NPT ,NS 100, 160: 1/2 NPT, BSP (option)
Socket & connection	Brass and 316L st. steel treated
<ul><li>Window</li><li>Operating temperature</li></ul>	Glass, Laminated safety glass Anti-glare & Anti-static Ambient: -4°F to +140°F (-20°C to +60°C) Medium: +212°F (+100°C) maximum
Movement	Stainless steel Zero adjustment in front on dial

Aluminium, black

- Pointer
- Dial
- Protection
- Range

4" (100mm): 0...6" WC (16 mbar) to 0...250" WC (600 mbar) 6" (160 mm): 0...1" WC (2.5 mbar) to 0...250" WC (600 mbar) or other equivalent units of pressure or vacuum

21/2" (63mm): 0...16" WC (40 mbar) to 0...250" WC (600 mbar)

Aluminium, white, black lettering, Weather resistant (NEMA 3 / IP54)

With case filling (NEMA 4X / IP66)





<ul> <li>Pressure limitation</li> </ul>	NS 63:	Fluctuating:	3/4 x full scale value 2/3 x full scale value				
	NS 100, 160:	Steady: Fluctuating:	Full scale value Full scale value 0.9 x full scale value full scale value				
<ul> <li>Temperature error</li> </ul>	from the refe	nperature of the measuring system deviat rence temperature (+20 °C): /10 K of full scale value					

## PL2 Capsul Pressure Gauges

Dial Size         2 - 63 mm(2x <sup>2</sup> )         4 100mm(4 <sup>2</sup> )         4 100mm(6 <sup>2</sup> )         Process Connection         7 - 8otom         8 - 8ack         Process Connection Sizes         2 - 43 MRD Dial 63 G ½ Male NS100,160 Dial         6 - Customer         Case Design         D - Dry         L - Liquid fil         L - Uquid fil         L - Uquid fil         L - Uquid fil         L - Uquid fil         C - Sustomer         Case Design         D - Dry         L - Uquid fil         K - Single Satel         S - Single Satel         S - Single Satel         C - Sustomer         Cacuracy         AT - 16% (std.)         AT - 16% (std.)         AT - 16% (std.)         M - Chig         S - Single scale         S - Single scale         S - Overlaad step         G - Customer         C - Sustomer         C - Sustomer         S - Overlaad step         G - Customer (String Conce only)         F - Back Range for yant mounting         G - Cower perseture silocone fill for ambient temperature down to -94 <sup>4</sup>	ORDERING CODE	Example:	PL2	4	т	2	L	S	AT	ST	Note
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Address: 7191 Yonge street, Toronto, Canada Tel: +16472221281(5 line) Web: www.madecotech.com Email: Info@madecotech.com