Capsul 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

Accuracy class

Pressure element

Process connection

Socket & connection

Window

Operating temperature

Movement

Pointer

Dial

Protection

Range

NS 63: 1.6 NS 100, 160: 1.6% 1% (option) Brass and Stainless steel 316L Capsul type

Hastelloy, Monel, Tantalum(option)

Brass and Stainless steel 316L back & bottom

NS 63: 1/4 NPT, NS 100, 160: 1/2 NPT, BSP (option)

Brass and 316L st. steel treated

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

Stainless steel Zero adjustment in front on dial

Aluminium, black

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

With case filling (NEMA 4X / IP66)

2½" (63mm): 0...16" WC (40 mbar) to 0...250" WC (600 mbar) 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)

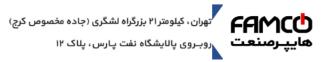
or other equivalent units of pressure or vacuum

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🔁 E-mail: info@famcocorp.com

@famco_group







MADECO Canada

Pressure limitation
NS 63: Steady: 3/4 x full scale value

Fluctuating: 2/3 x full scale value

Short time: Full scale value

NS 100, 160: Steady: Full scale value

Fluctuating: 0.9 x full scale value Short time: full scale value

■ Temperature error When the temperature of the measuring system deviates

from the reference temperature (+20 °C):

max. ±0.4 %/10 K of full scale value

PL2 Capsul Pressure Gauges

ORDERING CODE	Example:	PL2	4	Т	2	L	S	AT	ST	Note
Dial Size										
2 - 63 mm(2 _{1/2} ")										
4 - 100mm(4")			4							
6 - 160mm(6")										
Process Connection										
T - Bottom				Т						
B - Back										
Process Connection Sizes					_					
2 - 1/4 NPT Dial 63 Male 1/2 NPT Male NS100,160 Dial					2					
4 - G 1/4 Male Dial 63 G 1/2 Male NS100,160 Dial										
6 - Customer										
Case Design										
D - Dry										
L - Liquid fill						L				
Tube and Process Connection										
S - 316L Stainless steel							S			
M - Monel										
H - Hastelloy										
C - Customer										
Accuracy										
AT - 1.6% (std.)								AT		
AC - 1%										
Options									_	
SC - Single scale										
DS - Dual scales										
YW - 316L Stainless steel case										
OS - Overload stop										
GF - Glycerine filling										
QC - Low temperature silicone fill for ambient temperature	ture down to -94	°F (-70°C), including	Flourosili	cone s	ealing					
SH - Red set hand, stationary (dry case only)										
BF - Back flange for wall mounting										
MF - Front flange for panel mounting										
CC - Calibration certificate										
NH - Stainless steel tag wired to case										
NC - NACE MR 0175 & MR 0103 standard										
NC - NACE MR 0175 & MR 0103 standard ST - Stabilizer movement									ST	
ST - Stabilizer movement AN - Anti-glare & Anti - static window									ST	
ST - Stabilizer movement									ST	





Address: 7191 Yonge street, Toronto, Canada

Tel: +16472221281(5 line)
Web: www.madecotech.com
Email: Info@madecotech.com