

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

Accuracy class	NS 63: 1.6 NS 100, 160: 1.6% 1% (option)
Pressure element	Brass and Stainless steel 316L Capsul type Hastelloy, Monel, Tantalum(option)
Process connection	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
Window	Glass, Laminated safety glass Anti-glare & Anti-static
Operating temperature	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
Pointer	Aluminium, black
Dial	Aluminium, white, black lettering, Weather resistant (NEMA 3 / IP54)
Protection	With case filling (NEMA 4X / IP66)
Range	2 1/2" (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



■ 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	T	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			T						
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 down to -94°F (-70°C), including Flourosilicone sealing									
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									
ST - Stabilizer movement								ST	
AN - Anti-glare & Anti - static window									
AT - ATEX									
WA - One year warranty									
Other									





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