



STAINLESS STEEL
PRESSURE GAUGE
DIAPHRAGM

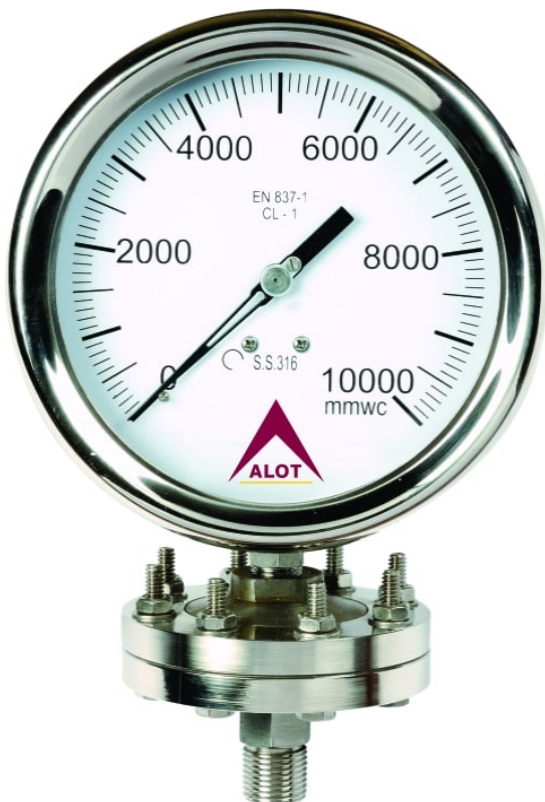
MODEL: PLD

FEATURES:

- All SS Measuring System
- Dry / liquid filled.
- Full seal - welded seal

APPLICATION:

- Oil & Gas applications
- Corrosive environments



STANDARD SPECIFICATIONS

Dial size	100/ 150 mm
Range	HP : -1 TO 0 kg/cm ² & 0 to 25 kg/cm ² LP : -6000 MMwc to 0 & 0 to 6000 mmWC
Mounting pattern	Direct, Bottom Connection
Process Connection	1/2" NPT/ BSP (M)
Ingress protection	IP 65
Execution	Dry / Dry but fillable, glycerine 99.7% (Temp. upto 65°C)

MATERIAL OF CONSTRUCTION

Sensing element	Diaphragm
Socket	AISI 316L SS
Case & Ring material	AISI 304 SS (Bayonet Type Bezel)
Movement	AISI 304 SS
Dial	Aluminum, black graduation on white background
Pointer	Micro-Zero adjustable, aluminum black powder coated
Gaskets, Blow off disc & filling plug	Neoprene
Window	Sheet glass/ Safety glass
Diaphragm	AISI 316L SS
Top chamber	AISI 304 SS
Bottom chamber	AISI 316 SS

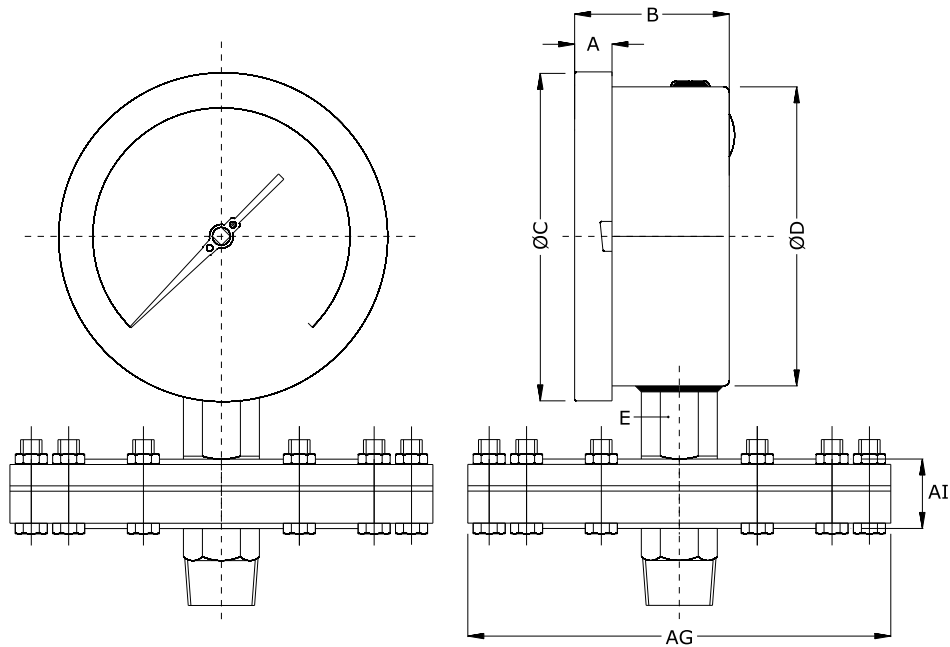
STANDARD PARAMETERS

Accuracy	±1.6%
Ambient temperature	-40... +65°C (without dampening liquid) -20... +65°C (with dampening liquid)
Process Temperature	100°C max.
Pressure limits	Steady - Full Scale Value Fluctuating - 0.9 x Full Scale Value
Weld Joints	TIG argon arc welding



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NS	A	B	ØC	ØD	E	AI	AG	Weight (grams)
100mm	12	48	111	100	A/F 22	20	158	950
150mm	16	48	161	149	A/F 22	20	158	1350

HOW TO ORDER :-

Model No - Dial Size - Mounting - Range - Process Connection - Options - Certificate