

FEATURES

- All SS measuring system
- Static pressure 40 bar max.
- External Zero adjustment
- Electric contact version
- Suitable for direct valve mounting

APPLICATION

- Liquid & gaseous mediums
- Corrosive environments
- Oil & Gas applications
- Chemical & Petrochemical
- Food & Beverages
- Nuclear power plants

Bellow



STANDARD PARAMETERS

Accuracy	:	± 1.0 of FS (range ≤ 1 bar), ± 1.6 of FS (range ≥ 1 bar)
Ambient temperature	:	-40...+65°C (without dampening liquid)
	:	-20...+65°C (with dampening liquid)
Service temperature	:	100°C max.
Static pressure limits	:	6 bar up to 0.4 bar
	:	25 bar up to 1 bar...2.5 bar
	:	40 bar up to 4 bar...16 bar

MATERIAL OF CONSTRUCTION

Sensing element	:	Bellows
Case & Ring material	:	AISI 304 SS (Bayonet type)
Bellow	:	AISI 316L SS
Movement mechanism	:	AISI 304 SS
Dial	:	Aluminum, black graduation on white background
Pointer	:	Micro-zero adjustable, aluminum, black powder coated
Gaskets & filling plug	:	Neoprene
Window	:	Shatterproof Safety Glass

STANDARD SPECIFICATIONS

Dial size	:	DN150
Range	:	100 mbar....0...16 bar
Mounting pattern	:	Direct, Bottom connection
Process connection	:	1/2" NPT (M) x 2 Nos.
Ingress protection	:	IP 65
Execution	:	Dry

STANDARD SPECIFICATIONS : DAMPENING LIQUID FILLED, GLYCERIN

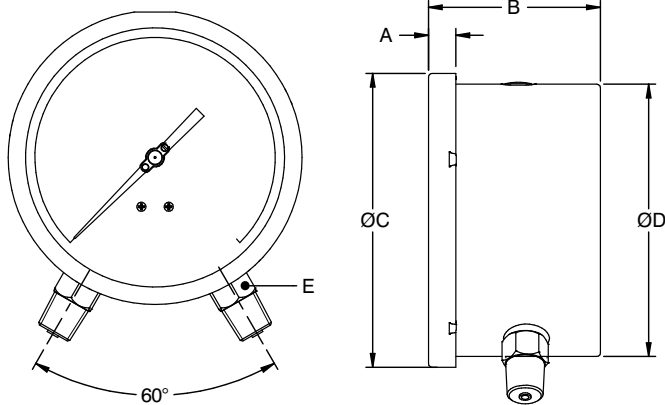
Accuracy	:	CL 2.5
Window	:	Plexi glass
Dampening liquid	:	Glycerin 99.7% [Service temperature up to 65°C]

STANDARD SPECIFICATIONS : ELECTRIC CONTACT VERSION

Accuracy	:	CL 2.5
Window	:	Poly carbonate dome
Switch	:	1NO; Make contact
Dampening liquid	:	Dielectric oil (Optional)

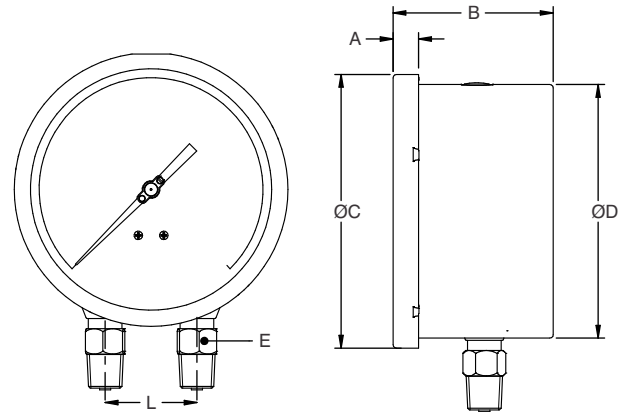
DIMENSIONAL DRAWING

Type B0



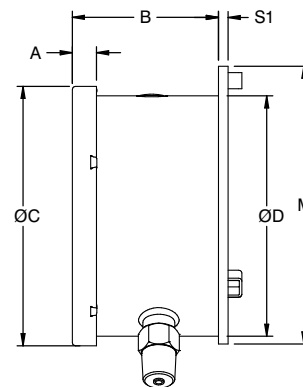
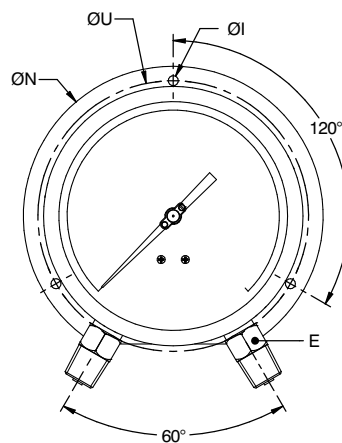
DN	A	B	ØC	ØD	E	Weight (grams)
150	15	94	161	149	A/F-22	1840

Type B0



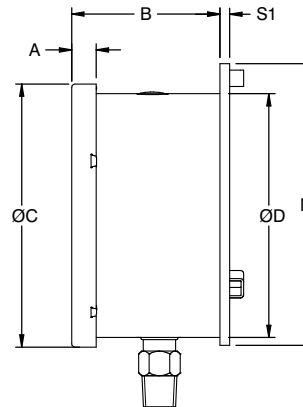
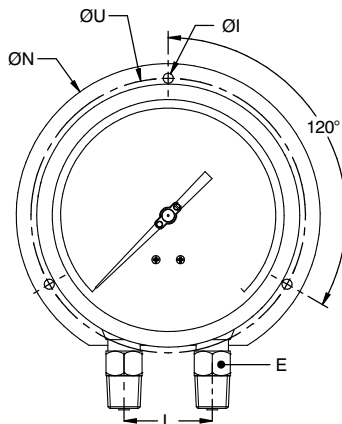
DN	A	B	ØC	ØD	E	Weight (grams)
150	15	94	161	149	A/F-22	1840

Type B1



DN	A	B	ØC	ØD	E	ØI	M	ØN	S1	ØU	Weight (grams)
150	15	98	161	149	A/F-22	6	172	186	6	168	2020

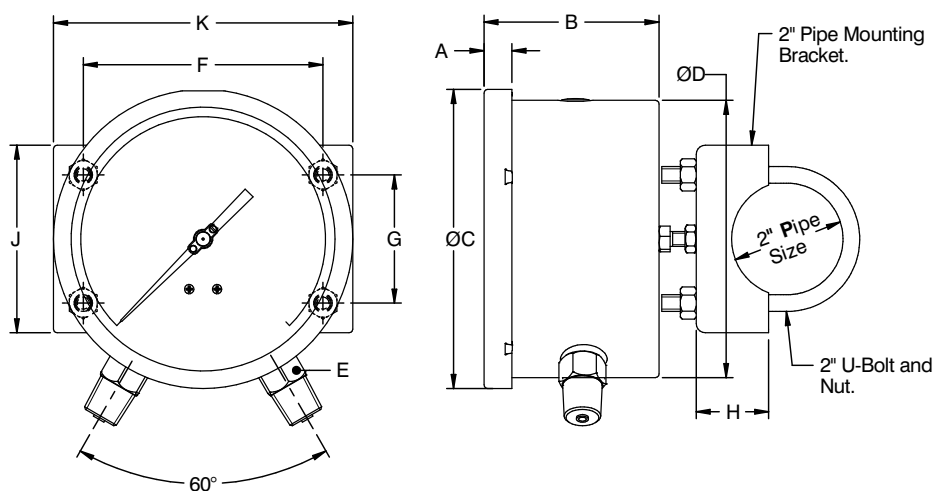
Type B1



DN	A	B	ØC	ØD	E	ØI	L	M	ØN	S1	ØU	Weight (grams)
150	15	98	161	149	A/F-22	6	54	172	186	6	168	2020

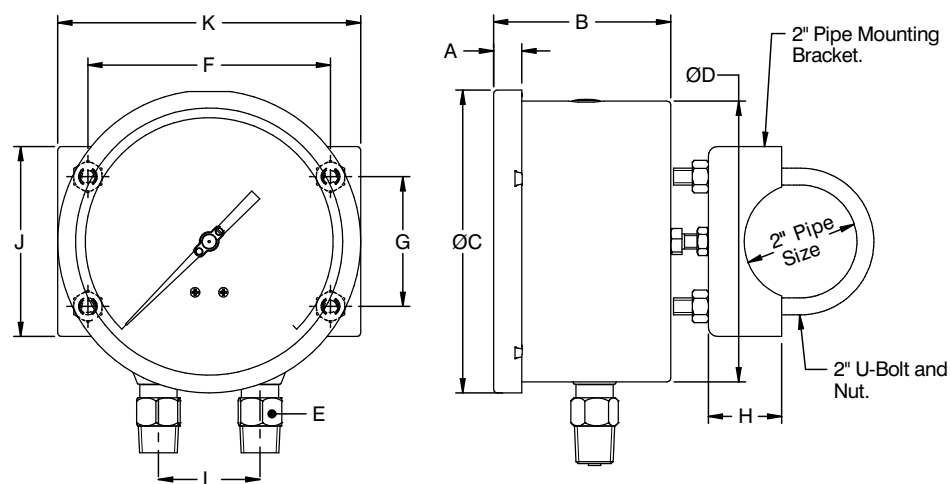
DIMENSIONAL DRAWING

Type B2



DN	A	B	ØC	ØD	E	F	G	H	J	K	Weight (grams)
150	15	94	161	149	A/F-22	129	69	39	101	161	2914

Type B2



DN	A	B	ØC	ØD	E	F	G	H	J	K	L	Weight (grams)
150	15	94	161	149	A/F-22	129	69	39	101	161	54	2914

ORDERING CODES

1. DIAL SIZE

06 150 mm / 6"

2. RANGE

XXX Refer "Range Table"

3. MOUNTING PATTERN

B0 Direct, Bottom connection
B1 Wall/Surface/Projection mounting, Bottom connection
B2 2" Pipe/Yoke mounting, Bottom connection

4. PROCESS CONNECTION

14B 1/2" BSP (M) x 2 Nos.
14M M20 x 1.5 mm (M) x 2 Nos.
14N 1/2" NPT (M) x 2 Nos.

5. INGRESS PROTECTION

ER IP 65

6. EXECUTION

EA Dry
EG Dampening liquid filled, glycerine
EH Dampening liquid filled, silicon oil³
EK Dampening liquid, dielectric oil³

7. CHAMBER TYPE

1 Pattern 1 (Angular : 60° apart)
2 Pattern 2 (Straight : C-C = 54mm)

8. SWITCH CATEGORY

RR Economic contacts
RS Precision contacts
RT ATEX / CE approved contacts

9. ELECTRIC CONTACT

CS1 Break contact (1NC)
CS2 Make contact (1NO)
CS3 2 x Break contact (2NC)
CS4 2 x Make contact (2NO)
CS5 1 Break + 1 Make (1NC+1NO)
CS6 1 Make + 1 Break (1NO+1NC)
CD1 Break contact (1NC)
CD2 Make contact (1NO)
CD3 2 x Break contact (2NC)
CD4 2 x Make contact (2NO)
CD5 1 Break + 1 Make (1NC+1NO)
CD6 1 Make + 1 Break (1NO+1NC)
CD7 SPDT
CD8 DPDT
CI1 Break contact (1NC)
CI2 Make contact (1NO)
CI3 2 x Break contact (2NC)
CI4 2 x Make contact (2NO)
CI5 1 Break + 1 Make (1NC+1NO)
CI6 1 Make + 1 Break (1NO+1NC)
CI9 Booster relay for current up to 5A

10. OTHER OPTIONS

GL AISI 316 SS movement
TA 5 - point calibration certificate
TC Material test certificate 3.1
TM Material test certificate 2.2
TN Tested to NACE standards
BA Case & Ring in AISI 316 SS (B0)
BB Case & Ring in AISI 316 SS (B1)
BC Case & Ring in AISI 316 SS (B2)
RA Rubber parts, Viton
RN Rubber parts, NBR
RW Vent plug, ON-OFF type
XG SS tag plate, AISI 316 SS
XF SS tag plate, AISI 304 SS
XR Custom designed dial
XT Dial tag marking

Ordering Example : P303-06-XXX-B0-14N-ER-EA-1

NOTES

1. For other connections, please contact factory.
2. Electric contacts are available from range 0...1 bar
3. Rubber parts shall be in Viton.