

PBG - Robust Liquid Filled - Equipment and Industrial Gauges

For heavy duty service where vibration or pulsation of medium would cause excessive wear on a dry gauge or where corrosive ambient conditions prevail. Specific application examples are hydraulic equipment, mining equipment and irrigation equipment.

Case

Case:	304 stainless steel
Bezel:	304 stainless steel
Window:	Polycarbonate
Seal:	TPV (desmopan)
Dampening fluid:	glycerine, silicone (options available)

Configurations

A	B	D	E	F	U	V	
							mm 42 52 63 100
							Imp 1 1/2" 2" 2 1/2" 4"

(52 mm available only D conf.)

(42 mm available only D conf.)

Internals

Socket:	brass or stainless steel
Bourdon tube:	bronze or stainless steel
Movement:	brass or stainless steel
Dial:	aluminium/chromadek
Pointer:	aluminium, black anodised

Connections

1/8" + 1/4" (BSP - NPT - BSPT) Options 3/8" + 1/2" (bottom and centre-back)

Maximum Range

60 MPa (brass) 100 Mpa (SS)

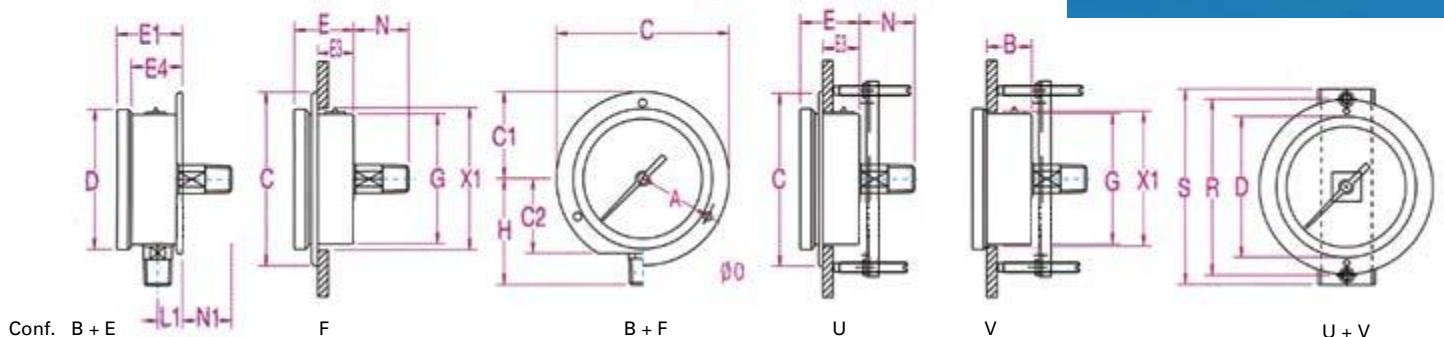
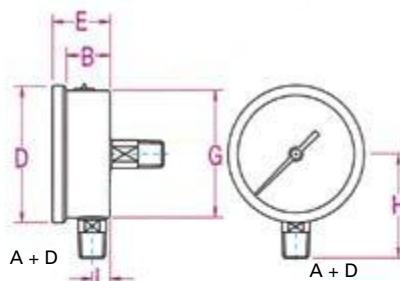
Accuracy

1,6 % FSD

Temperature Range

Ambient temperature -25° C to +60° C

Note: minimum temperature should not be less or equal to the freezing point of the filling fluid.



Nominal size

Dimensions (X is panel cut-out diameter)

Metric	A	B	C	C1	C2	D	E	E1	E3	E4	G	H	L	L1	N	N1	O	R	S	X1
Imperial																				
63 mm	37,00	22,00	85,00	42,50	36,50	69,00	29,00	33,00	22,00	25,50	62,00	60,00	9,00	13,00	27,00	23,00	3,50	68,00	77,00	63,50
2 1/2"	1,48	0,87	3,35	1,67	1,44	2,72	1,14	1,30	0,87	1,01	2,44	2,36	0,35	0,51	1,06	0,91	0,14	2,68	3,03	2,50
100 mm	58,00	22,00	133,00	66,50	56,00	108,50	29,00	34,00	22,00	24,00	99,50	77,50	9,00	13,00	23,50	23,50	5,00	110,00	122,00	101,00
4"	2,28	0,87	5,24	2,62	2,20	4,27	1,14	1,34	0,87	0,95	3,92	3,05	0,35	0,51	0,93	0,91	0,20	4,33	4,80	3,98