

PBX063



These instruments are designed for use in chemical and petrochemical processing industries, and in conventional plants, to measure gaseous or liquid media which do not have high viscosity or do not crystallize. They are built to resist the most severe operating conditions created by the ambient environment and the process medium. For use on power units, pumps, hydro-cleaning machines, presses, engine compressors, turbines, diesel engines, chemical, petrochemical and refrigerating plants and on machines and equipment where pulsating pressures or mechanical vibrations are apparent, the liquid-filled version is recommended.

Functional and constructive characteristics

PBX063X...

Ranges : from 0...1 to 0...1000 bar
(or other equivalent units)
Accuracy class : 1.6 as per EN 837.1.
Ambient temperature : -40...+65°C.
Process fluid temperature : +100°C.
Overpressure limit : (15 min max)
25% of FSV for pressure ranges 100 bar
15% of FSV for pressure ranges 100...600 bar
10% of FSV for pressure ranges 600 bar
Socket material : AISI 316L st.st.
Bourdon tube : AISI 316L st.st.
Case : stainless steel.
Ring : st.st., bayonet lock.
Window : glass.
Movement : stainless steel.
Dial : white with black marking.
Pointer : aluminium alloy.

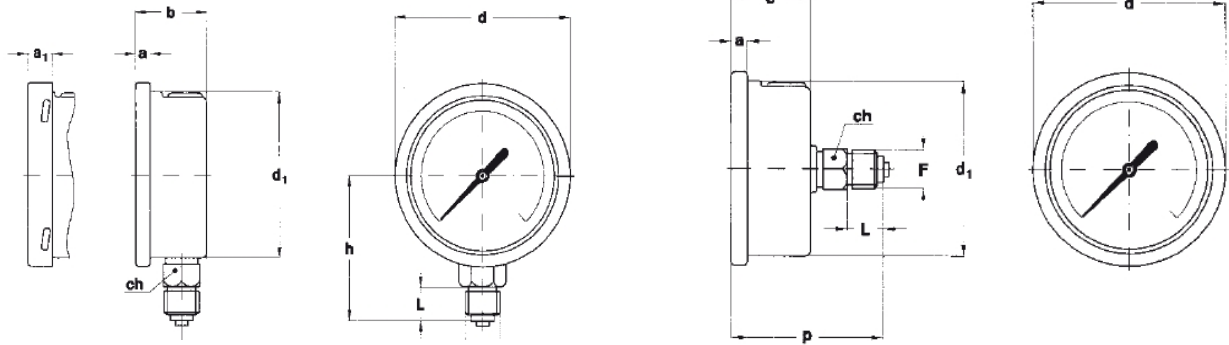
PBX063L... Liquid filled

Ambient temperature : depending of liquid filling.
Process fluid temperature : +65°C.
Damping liquids : glycerine 98% or silicon oil.
Ring : stainless steel
Pointer : aluminium alloy
Other characteristics : as Standard Model.

Options : on request

PBX063

TYPE AND DIMENSIONS



TYPE A

Lower connection

TYPE C

Back connection

Mounting	F	a	a ₁	b	c	d	d ₁	h	p	L	ch
Lower	G 1/4A 1/4-18 NPT	0.22" (5.6)	0.37" (9.5)	1.10" (28)	0.39" (10)	2.67" (68)	2.46" (62.6)	2.13" - 2.17" (54.3 - 55.3)		0.51" (13)	0.55" (14)
Back	G 1/4A 1/4-18 NPT	0.22" (5.6)	0.37" (9.5)	1.10" (28)		2.67" (68)	2.46" (62.6)		2.11" - 2.15" (53.8 - 54.8)	0.51" (13)	0.55" (14)

(dimensions : inches (mm))

Modifications reserved