

CAPSULE PRESSURE GAUGES

121,122,123 series



121 series—All stainless steel

122 series—Stainless steel case and brass wetted parts

123 series—Steel case and brass wetted parts

APPLICATIONS

Capsule type pressure gauges can measure low and extremely low positive or negative pressure. For gaseous and dry media only. All stainless steel type can be used with aggressive media and ambience.



SPECIFICATIONS

Dial diameter	Ø2½"(65mm) ; Ø3"(75mm) ; Ø4"(100mm) ; Ø6" (160mm)
Mounting types	Type B — Direct bottom mounting Type W — Bottom connection with back flange for wall mounting Type D — Center back connection without flange Type P — Center back connection with front flange for Panel mounting
Case	121 series — Stainless steel 304 122 series — Stainless steel 304 123 series — Steel with black enamel or with chrome plating
Lens	Ø2½"—plastic ; Ø3" Ø4" Ø6" glass / safety glass
Dial and pointer	Aluminum
Measuring principle	Capsule , 121 series—stainless steel 316 ; 122 and 123 series—brass
Movement	121 series—stainless steel or brass ; 122 and 123 series—brass
Connection	121 series—stainless steel 316 or 304 ; 122 and 123 series—brass
Adjustment	Adjustment screw on the dial or on back case, allowing correction of ±10% F.S.
Accuracy	±2.5% F.S. standard ; ±1.6% F.S. available for 121 series Ø4" Ø6"
Temperature	Medium max.60°C
Ranges	0/160 ~ 0/5000mmH ₂ O (mmAq) < other units available > positive, negative or compound pressure available

HOW TO ORDER

(Please specify additionally the special custom-made specifications)

Example: 121 — B 40 4 N — 0/1000mmH₂O

Series	Mounting	Dial Size	Thread Size	Thread Spec.	Range & unit
121	B Bottom	25 Ø2.5"	2 1/4"	P PT (BSPT)	
122	W Wall	30 Ø3"	3 3/8"	N NPT	
123	D Back	40 Ø4"	4 1/2"	F PF (BSP)	
	P Panel	60 Ø6"	0 others	O others	