

APPLICATIONS

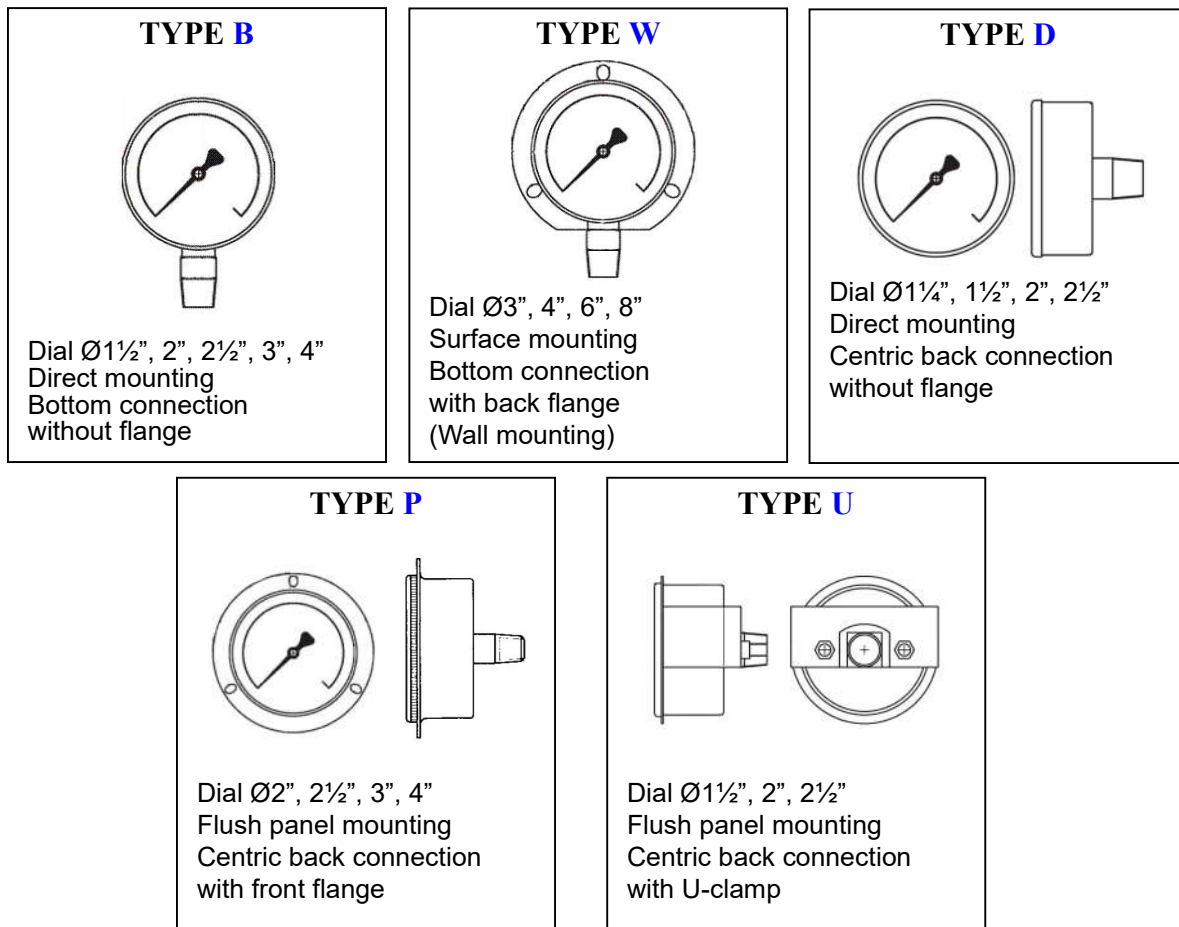
Used with the liquid and gas process media not corrosive, not crystallizing and not highly viscous. Avoid using in vibration and highly dynamic pressure load. Air-conditioning system, pneumatics and hydraulics are the most common applications.



SPECIFICATIONS

Dial diameter	1¼" (33mm) ; 1½" (40mm) ; 2" (50mm) ; 2½" (63mm) ; 3" (75mm) ; 4" (100mm) ; 6" (150mm) ; 8" (200mm)
Case	Steel with black enamel: Ø1½" ~ Ø8" Electroplated or stainless steel 304: Ø1¼" ~ 2" Black plastic: Ø2" bottom connection ; Ø1½"~2" back connection
Lens	Plastic or glass Push-in plastic lens available for dial Ø1½" ~ 2½" without bezel
Dial	Aluminum, black and red markings on white background, dial arc 270°
Measuring principle	Bourdon Tube, brass
Movement	Brass
Pointer	Aluminum, black
Connection	Male thread 1/8", 1/4", 3/8" PT(BSPT) / NPT , brass
Accuracy	±3-2-3% F.S. for Ø1¼" ~ Ø2½" ; ±1.6% F.S. for Ø3" ~ Ø10"
Temperature limits	Medium +60°C ; Ambient -20 to +60°C < Available for medium +150°C if the bourdon tube is silver soldered. This is special custom-made type upon request. >
Ranges	positive 0/1kg/cm ² (15psi) ~ 0/350kg/cm ² (5000psi) negative 0/-76cmHg(-30inHg)(-1kg/cm ²) relative vacuum compound -76cmHg/0/1 ~ -76cmHg/0/35kg/cm ² < other units available, e.g. psi, bar, MPa...etc. >

MOUNTING TYPES AND DIAL SIZES



STANDARD CONNECTION

Dial diameter	Thread size	Dial diameter	Thread size
Ø 1¼" (33mm)	1/8" PT	Ø 3" (75mm)	3/8" PT
Ø 1½" (40mm)	1/8" PT	Ø 4" (100mm)	3/8" PT
Ø 2" (50mm)	1/4" PT	Ø 6" (125mm)	3/8" PT
Ø 2½" (63mm)	1/4" PT	Ø 8" (200mm)	1/2" PT

Custom-made connection available upon request

HOW TO ORDER

(Please specify additionally the special custom-made specifications or option items)

Example: 113 — B — 25 — 2 — P — 0/10 kg/cm²

Mounting Type	Dial Size	Thread Size	Thread Spec.	Range
B bottom	12 Ø 1¼"	1 1/8"	P PT (BSPT)	
W surface (wall)	15 Ø 1½"	2 1/4"	N NPT	
D centric back	20 Ø 2"	3 3/8"	F PF (BSP)	
P panel, flange	25 Ø 2½"	4 1/2"	O others	
U panel, U-clamp		0 others		