

PHENOL TURRET CASE PRESSURE GAUGES

131 series

APPLICATIONS

Designed to fulfill requirements of the process industries — petrochemical, biochemical and power. With safety in mind, they have been developed with solid front and blow-out back which will immediately release in the event of accidental tube rupture. The phenol case can be resistant to corrosion.



SPECIFICATIONS

Dial diameter Ø	4½" (130mm)
Mounting types	Bottom connection standard
Case	Phenol, IP65, solid front, blow-out back
Lens	Safety glass or polycarbonate
Dial	Aluminum, black and red markings on white background, dial arc 270°
Measuring principle	Bourdon Tube, stainless steel 316 C form tube for $\leq 70 \text{ kg/cm}^2$; Helical form tube for $>70 \text{ kg/cm}^2$
Movement	Stainless steel
Pointer	Aluminum, black, adjustable pointer available
Connection	Male thread 1/2" PT(BSPT) / NPT / PF(BSP), stainless steel 316 Other connections sizes available made-to-order
Filling	Without (dry) ; glycerin filled ; silicon oil filled
Accuracy	$\pm 1\%$ F.S. standard ; $\pm 0.5\%$ F.S. available
Temperature limits	Dry : medium $+100^\circ\text{C}$; ambient -20 to $+100^\circ\text{C}$ Glycerin filled : medium $+60^\circ\text{C}$; ambient $+10$ to $+60^\circ\text{C}$ Silicon oil filled : medium $+100^\circ\text{C}$; ambient -45 to $+100^\circ\text{C}$
Ranges	0 / 1 ~ 0 / 1400 kg/cm^2 positive, negative, compound pressure available <other units available, e.g. psi, bar, MPa...etc.>

OPTIONS

- Back connection mounting (Type D) ; with zinc plate steel U-clamp for panel mounting (Type U)
- Device of red pointer which can leave behind on max. pressure
- Device of diaphragm, electrical contacts or accessories

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

