

ALL ST/ST DIFFERENTIAL PRESSURE GAUGE CAPSULE TYPE BIPRESS 300



The differential pressure gauges series BP300, are suitable to be installed to measure air or clean gases in the presence of low static pressure on chemical, petrochemical plants, onshore and offshore applications, machinery, food processing and in the pharmaceutical industry.



PED 97/23/CE
ATEX 94/9/CE



GOST R PATTERN
APPROVAL

ATEX and GOST R PATTERN approvals available under our **PCI TEMA** brand.

TECHNICAL CHARACTERISTICS

Diameters: 100-150 mm
Case and ring: st. st. 304, bayonet type ring
Protection degree : IP55 (EN60529/IEC529)
Transparent: Acrylic, gasket in neoprene
Movement: Brass
Dial: aluminium with black numerals on white background
Pointer: Aluminium, black painted, micrometric adjustable
Blow out: EPDM, upper
Sensing element: Capsule
Element material: st.st.316
Connection material : st.st.316L
Connection dimension: ½"NPTM or BSP
Mounting:
type C surface mounting, bottom connection
type E panel mounting, back connection
Ranges: see table at page 2
Standard accuracy: class 2,5 acc. to EN837
Accuracy on request : class 1,6 acc. to EN837
Scale amplitude : 270°
Ambient temperature limit: -25/+65°C
Fluid temperature limit: max 100°C
Temperature error: 0,08%/°C in range 10/30°C
Construction acc. to ATEX directive 94/9/EC , gr.II
cat. 2GDc (on request)

OPTIONS AND ACCESSORIES

- Inter axes process connection 54mm
- Case and ring in AISI316
- Internal dampener (screw on the connection)
- Special scales

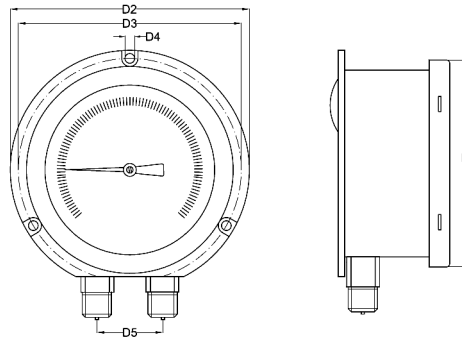
HOW TO ORDER

Please specify: model, mounting, range, connection, options if any

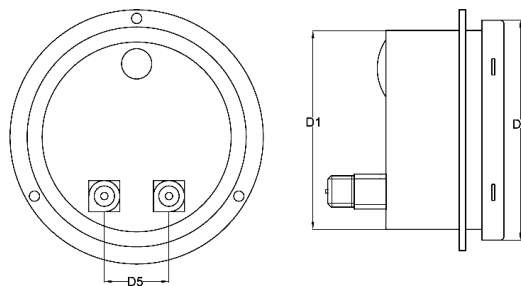
Example : BP300, C, 0/25bar, ½"NPTM

RANGES

Differential pressure	mbar	0/4	0/6	0/10	0/16	0/25	0/60	0/100	0/160	0/250	0/400
Static pressure on both sides	bar	1	1	1	1	1	1	1	1	1	1



Type C: Surface mounting , rear flange lower connection



Type E: Panel mounting, front flange eccentric rear connection

Diameter	D	D1	D2	D3	D4	D5	Weight kg	Connections
100	110	100	130	118	6	50	1,4	½" BSP / NPT
150	160	150	190	175	6	50	1,6	½" BSP / NPT