

Introduction

Designed to be used in laboratory for tests or calibrations where reliability and accuracy are important. Each instrument is supplied with internal calibration certificate. On request, the instrument may be supplied with calibration certificate issued by external calibration centre.

Specifications

- Diameters: 150 mm
- Case and ring: st. st. 304, bayonet type ring
- Protection degree: IP55
- Transparent: glass, thickness 4mm, gasket in neoprene
- Movement: st. st., reinforced
- Dial: aluminium with mirror band , black numerals on light green background
- Pointer: micrometric adjustable with knife edge
- Blow out: neoprene, upper
- Sensing element: Bourdon tube type, with "C" form for pressure ≤ 60bar, helical wound for pressure ≥ 60bar
- Element material : AISI 316L (as option in Beryllium copper)
- Process connection material : AISI 316L
- Connection dimension: ½"NPTM or BSPM
- Mounting:
  type A bottom connection, direct mounting
  type B panel mounting, clamp fixing, back connection
  type D back connection, direct mounting
  type E panel mounting, back connection
- Ranges: see table at page 2
- Operating range limit: 75% of full scale
- Overpressure: +15% F.S. for range up to 60bar
- Accuracy: class 0,25, acc. to EN837 at 20°C
- Ambient temperature limit: 0/+60°C
- Fluid temperature limit:
  -30/+120°C element in st.st.316L
  -30/+230°C element in MONEL
- Temperature error: 0,005%/°C in range 0/60°C
- Internal calibration: with dead weight tester
- Construction acc. to ATEX directive 94/9/EC , gr.II cat. 2GDc (on request)
- Construction according to PED directive 97/23/EC (on request)

Options

- Carrying case
- Case in AISI316
- ANCC valve
- Scale in kg/cm2
- Safety glass window
- SOLID FRONT Version

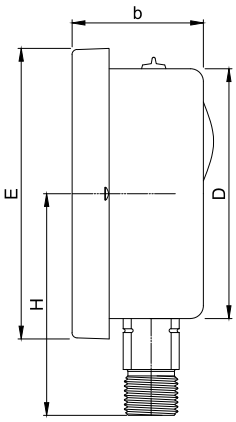
How to order

Please specify: model, mounting, case diameter, range, connection, options if any
Example: EP100, A,150mm, 0/25 bar, ½"NPTM

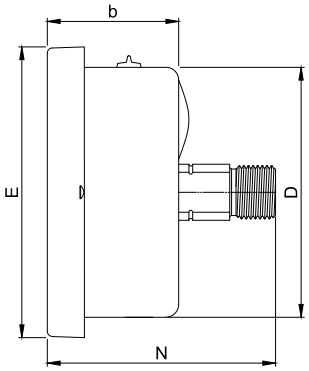
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Pressure															
Bar	0/1	0/1,6	0/2,5	0/4	0/6	0/10	0/16	0/25	0/40	0/60	0/100	0/160	0/250	0/400	0/600
Graduation	0.005	0.005	0.01	0.02	0.02	0.05	0.06	0.1	0.2	0.2	0.5	0.5	1	2	2
Interval	0.1	0.1	0.2	0.2	0.5	1	1	2	2	5	10	10	20	20	50

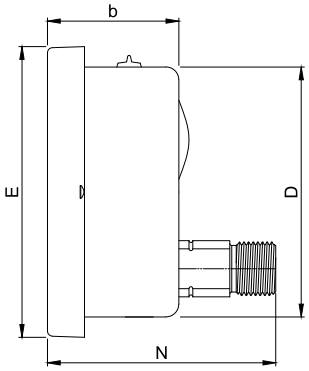
Vacuum and Compound	
Bar	-1/0
Graduation	0.005
Interval	0.1



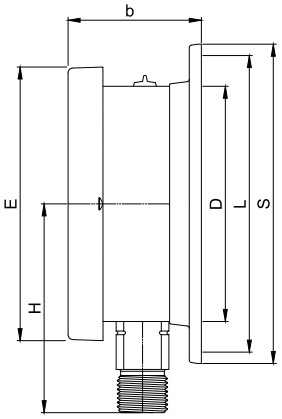
Type A: Direct mounting, bottom connection



Type D: Direct mounting, back connection



Type B: Panel mounting, "U" type rear clamp, back connection



Type E: Panel mounting, 3 hole front flange, back connection

Type	DS	B	D	E	H	N	L	S
A	150	57	150	166	125	-	-	-
E	150	57	150	166	-	89	175	190
D	150	57	150	166	-	89	175	190
B	150	57	150	166	-	89	-	-

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