



differential pressure gauges PN 200 with double diaphragm DS 4", 6" (100-150mm)



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These instruments are used to check differential pressures of gaseous liquids which do not have high viscosity and do not crystallize. In presence of high temperature, high viscosity and corrosive process fluid or which can crystallize these instruments can be fitted with remote mounting diaphragm seals.

2.15.1 - Standard Model

Ranges: from 0...40 IN H₂O to 0...300 psi (from 0...0,1 bar to 0...25 bar, or other equivalent unit).

Accuracy class: 1,6 as per EN 837.

Scale amplitude: 180°...270°C depending on the scale range.

Static pressure: 300...3000 psi (25...200 bar), depending on the scale range.

Ambient temperature: -40...+149°F (-40...+65 °C).

Process fluid temperature: +302°F (+150 °C).

Thermal drift: ±0,8% every ±50°F (±10 °C) of ambient temperature

Protection degree: IP 55 as per EN 60529/IEC 529.

Socket material: AISI 316L st.st.

Elastic element: AISI 316L st.st. double diaphragm for pressure ranges < 250 mbar; AISI 316L st.st./Duratherm double diaphragm for pressure ranges ≥ 250 mbar

Gasket: VITON and PTFE.

Case: stainless steel.

Ring: stainless steel, polished, bayonet lock.

Window: tempered glass (with external zero adjustment on request).

Movement: stainless steel.

Dial: aluminium, white with black markings

Pointer: adjustable, aluminium, black

RANGE	Static pressure, one side : psi (bar)	Static pressure, both side : psi (bar)	Scale amplitude DS 4" (100mm)	Scale amplitude DS 6" (150mm)
(0...0,1 bar)	360 (25)	1500 (100)	180°	180°
(0...0,16 bar)	360 (25)	1500 (100)	180°	180°
0...4 psi (0...0,25 bar)	1500 (100)	3000 (200)	270°	180°
0...6 psi (0...0,4 bar)	1500 (100)	3000 (200)	270°	180°
0...10 psi (0...0,6 bar)	1500 (100)	3000 (200)	270°	270°
0...15 psi (0...1 bar)	1500 (100)	3000 (200)	270°	270°
(0...1,6 bar)	1500 (100)	3000 (200)	270°	270°
0...30 psi (0...2,5 bar)	1500 (100)	3000 (200)	270°	270°
0...60 psi (0...4 bar)	1500 (100)	3000 (200)	270°	270°
0...100 psi (0...6 bar)	1500 (100)	3000 (200)	270°	270°
0...160 psi (0...10 bar)	1500 (100)	3000 (200)	270°	270°
0...250 psi (0...16 bar)	1500 (100)	3000 (200)	270°	270°
0...300 psi (0...25 bar)	1500 (100)	3000 (200)	270°	270°

ISO 9001 : 2008
Cert. nr. 0433/6

