

# Differential Pressure Gauge

## Double bourdon tube type

### Model: DP5

#### Applications

- For gaseous and liquid aggressive media that are not highly viscous or crystallising, also in aggressive ambience
- Process industry: Chemical/petro chemical, power stations, food and beverage, offshore oil rigs, pulp and paper, environmental technology, machine building and general plant construction

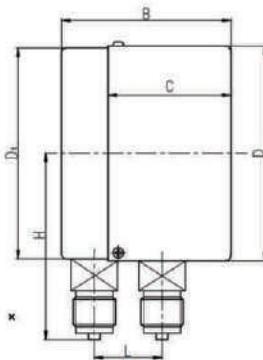
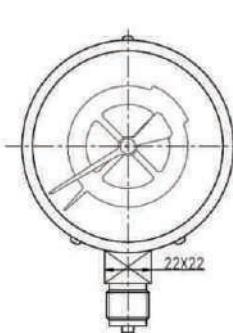


#### Special features

The Instrument has 2 independent measuring systems. The measured pressure deflects the elastic elements, displacements then take place to actuate gear mechanisms through linkages to carry 2 pointers traveling over instrument dial, an auxiliary dial shows the pressure difference.

#### Description

■ Accuracy class	NS 100, 160: 1.6, 1% (option)
■ Pressure element	Stainless steel 316L Hastelloy, Monel, Tantalum (option)
■ Process connection	Stainless steel 316L bottom NS 100, 160: 1/2 NPT, BSP (option)
■ Socket & connection	316L st. steel, option treated to comply with NACE MR0175 & MR 0103 standards
■ Window	Laminated safety glass Anti-glare & Anti-static
■ Permissible temperature	Ambient: -20 ... +60 °C Medium: +100 °C
■ Movement	Stainless steel
■ Pointer	Aluminium, black graduation on white background
■ Dial	Aluminium, white, black lettering,
■ Protection	IP45
■ Range	-1...0 to 0...100 bar Vacuum & compound ranges are available, single or double scale dials.
■ Static pressure	Safe up to 100 bar not depending on scale range
■ Case Gasket	Neoprene rubber
■ Joint	Tig Argon Ark welding



NS	D	D1	B	C	H	L
100mm	101.00	99.00	80.00	58.00	87.50	32.00
160mm	159.00	157.00	82.00	76.00	146.00	32.00

**DP5 Differential Pressure Gauge**

ORDERING CODE	Example: DP5	4	T	2	L	S	AT	WA	Note
Dial Size									
4 - 100mm(4")		4							
6 - 160mm(6")									
Process Connection Type									
T - Bottom			T						
Process Connection Sizes				2					
2 - 1/2 NPT Male NS100,160 Dial									
4 - G1/2 Male NS100,160 Dial									
6 - Customer									
Case Design					D				
D - Dry									
Tube and Process Connection Material						S			
S - 316L Stainless steel									
M - Monel® 400									
H - Hastelloy									
C - Customer									
Accuracy							AT		
AT - 1.6% (std.)									
AC - 1%									
Options									
SC - Single scale									
DS - Dual scales									
YW - 316L Stainless steel case									
SH - Red set hand, stationary (dry case only)									
BF - Back flange for wall mounting									
MF - Front flange for panel mounting									
CC - Calibration certificate									
NH - Stainless steel tag wired to case									
AT - ATEX									
WA - One year warranty						WA			
Other									



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