

Model : **DPBL** (Dry Case) **LDPBL** (Liquid Filled Case)

**SFDPBL** (Solid Front, Dry Case) **LSDPBL** (Liquid Filled, Solid Front Case)

## Features

- Bellow type construction
- Reference Standard: EN - 837
- All SS internals
- Chemical seal unit (optional) for process suitability
- Accuracy  $\pm 1\%$  FSD
- A set of two stainless steel bellows mounted on a force balance enables direct reading of the actual differential pressure.
- Each Bellow of the pressure Gauge can withstand the full static pressure without any damage or shifting being caused to the instrument.



## Specifications

<b>Dial</b>	150 mm, Aluminium, white background, black markings
<b>Case</b>	SS304 / SS316 with bayonet bezel
<b>Protection</b>	Weatherproof to IP-68 (IS:13947 part I / IEC:60529)
<b>Window</b>	Safety glass (Shatter proof / Toughened glass)
<b>Pointer</b>	Light weight, micrometer adjustable
<b>Sensing element</b>	Bellow
<b>Sensor Material &amp; Wetted Parts</b>	SS316 / SS316L / Monel / Hastelloy-C
<b>Movement</b>	SS304 / SS316
<b>Connection</b>	1/2" NPT (M) as standard (other on request)
<b>Range</b>	Minimum 0 to 1000 mm WC; Higher range as per customer requirement
<b>Static Pressure</b>	Upto 60 kg/cm <sup>2</sup> g, Higher Static Pressure on request
<b>Accuracy</b>	$\pm 1\%$ FSD
<b>Blow out disc</b>	Provided (top of the case)
<b>Temperature suitability</b>	Ambient (-)20°C to 60°C, Media 100°C
<b>Temperature Effect</b>	Within $\pm 0.4\%$ FSD/10°C, when temperature changes reference temperature of 20°C
<b>Optional</b>	Chemical seal units with Capillary Liquid filled case External Knob for zero setting CE



**DP Gauge with Diaphragm Seal & Capillary**

# Differential Pr. Gauges - Bellow Type

GAUGES BOURDON

F R A N C E

Model : **DPBL** (Dry Case) **L FDPBL** (Liquid Filled Case)

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## Ordering Information

### MODEL



#### BASIC MODEL CODE

**DPBL** Dry Case  
**L FDPBL** Liquid Filled Case  
**S FDPBL** Solid Front, Dry Case  
**LSDPBL** Liquid Filled, Solid Front Case

#### MOUNTING

**S** Bottom Entry, Surface Mounting  
**Y** Bottom Entry, 2" Pipe Mounting  
**P** Back Entry, Flush Panel Mounting

#### DIAL SIZE

**150** 150 mm

#### CASE

**S4S** SS 304  
**S6S** SS 316

#### SENSOR

**S6S** SS 316  
**S6L** SS 316L  
**MN4** Monel  
**HCC** Hastelloy-C  
**XXX** Other (Please Specify)

#### WETTED PARTS

**S6S** SS 316  
**S6L** SS 316L  
**MN4** Monel  
**HCC** Hastelloy-C  
**XXX** Other (Please Specify)

#### MOVEMENT

**S4S** SS 304  
**S6S** SS 316

#### OPTION

**BOB** Back blow out disc  
**CLB** Colour Band  
**CEM** CE marking  
**DC2** Silicone Oil filled Case  
**DUS** Dual Scale  
**EXZ** External Knob for Zero Adjustment  
**GLY** Glycerine filled Case  
**NAC** NACE  
**OXY** O2 Cleaning  
**VCP** Vacuum Protection  
**L** Nil  
**CSU** Chemical Seal  
**ACC** Accessory  
**XXX** Other

#### STATIC PRESSURE

Please Specify

#### UNIT

**KSC** kg/cm<sup>2</sup>(DP)  
**BAR** bar(DP)  
**PSI** psi(DP)  
**KPA** kPa(DP)  
**MPA** MPa(DP)  
**MBR** mbar(DP)  
**MMW** mm WC(DP)  
**CMW** cm WC(DP)  
**MWC** m WC(DP)  
**INW** inch WC(DP)  
**MMH** mm Hg(DP)  
**CMH** cm Hg(DP)  
**INH** inch Hg(DP)  
**XXX** Other (Please specify)

#### RANGE

Please Specify

#### CONNECTION

Conn	Code	Size	Code	Type	Code	Male/ Female	Code
Thread	T	1/4"	<b>06</b>	NPS	<b>NS</b>	Male	<b>M</b>
		3/8"	<b>10</b>	NPT	<b>NT</b>	Female	<b>F</b>
		1/2"	<b>15</b>	BSP	<b>BP</b>		
		3/4"	<b>20</b>	BSPT	<b>BT</b>		
		1"	<b>25</b>	JIS-PF	<b>PF</b>		
		M20	<b>M20</b>	JIS-PT	<b>PT</b>		
				Gas	<b>GS</b>		
				R	<b>RR</b>		
				Rp	<b>RP</b>		
				Pitch 1.5	<b>C</b>		

e.g. For 1/2"NPT(M), Code: **T15NTM**  
 For M20x1.5 (F), Code: **TM20CF**

Sample Model Code: **DPBL-Y-150-S4S-S6S-S6S-S4S-T15NTM-(0-2)-BAR-25bar.g-L**