

Differential Pr. Gauges Diaphragm type

±1%FSD Accuracy

General

MODEL : DPDX

Features

- Differential pressure measurement with Accuracy of $\pm 1\%$ FSD
- Sensing Element of Diaphragm
- Wetted Parts in SS316 / SS316L / Monel / other on request
- Non-wetted parts & Case in Stainless Steel
- Low Range & High Static Pressure
- Span of dial marking at 270 Deg Angle



Specifications

Dial	100 mm* / 150 mm, Aluminium, white background, black markings
Case	SS304 as standard (SS316 on request) with bayonet bezel
Protection	Weatherproof to IP-68 (IS:13947 part I / IEC:60529)
Window	Safety glass (Shatter proof / Toughened glass)
Pointer	Pointer Light weight, micrometer adjustable
Sensing element	Diaphragm
Wetted Parts	SS316 / SS316L / Monel / other on request
Movement	SS304 as standard (SS316 on request)
Connection	1/2" NPT (M) as standard (other on request)
Range	Any range between 0 to 250 mm WC & 0 to 10,000mmWC(DP) / other on request
Static Pressure	Up to 100 kg/cm2.g (higher on request)
Accuracy	$\pm 1\%$ FSD
Blow out disc	Provided (top of the case)
Temperature suitability	Ambient (-) 20°C to 80°C, Media 100°C
Temperature Effect	Within $\pm 0.5\%$ FSD/10°C, when temperature changes from reference temperature of 20°C
Optional	CE Atex

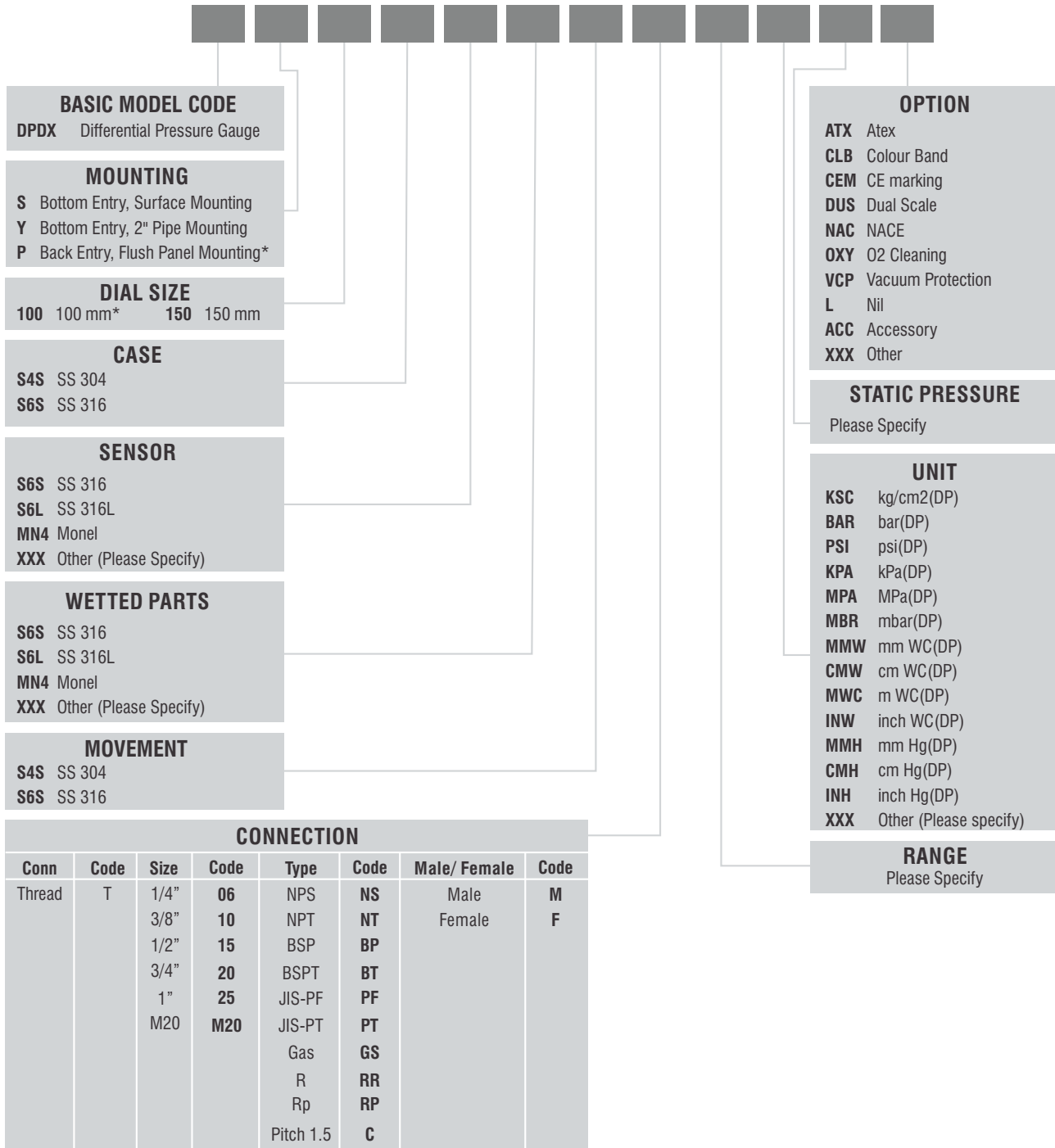
*Note: 100 mm dial is not available in Flush Panel Mounting

The parameters mentioned here are the standard specifications / values generally used for most of the process applications. Any other specification not appearing here also can be provided as per customer requirement. For higher temperature services above 100°C, we recommend to provide sufficient Impulse Tubing to bring down the fluid temperature .

Under Technical Collaboration with M/s. Gauges Bourdon, France

Ordering Information

MODEL



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

*Note: 100 mm dial is not available in Flush Panel Mounting

Sample Model Code: **DPDX-P-150-S4S-S6S-S6S-S4S-T15NTM-(0-1000)-MMW-20kg/cm2.g-L**

Differential Pr. Gauges Diaphragm type

General

MODEL : DPDS (Dry Case)

L FDPDS (Liquid Filled Case)

S FDPDS (Solid Front, Dry Case)

LSDPDS (Liquid Filled, Solid Front Case)

Features

- General purpose differential pressure measurement
- Sensing Element of Diaphragm
- Wetted Parts in SS316 / SS316L / Monel / Hastelloy-C (other on request)
- Non-wetted parts & Case in Stainless Steel
- Accuracy $\pm 1.6\%$ FSD
- Span of dial marking at 270 Deg Angle, even for very low ranges



Specifications

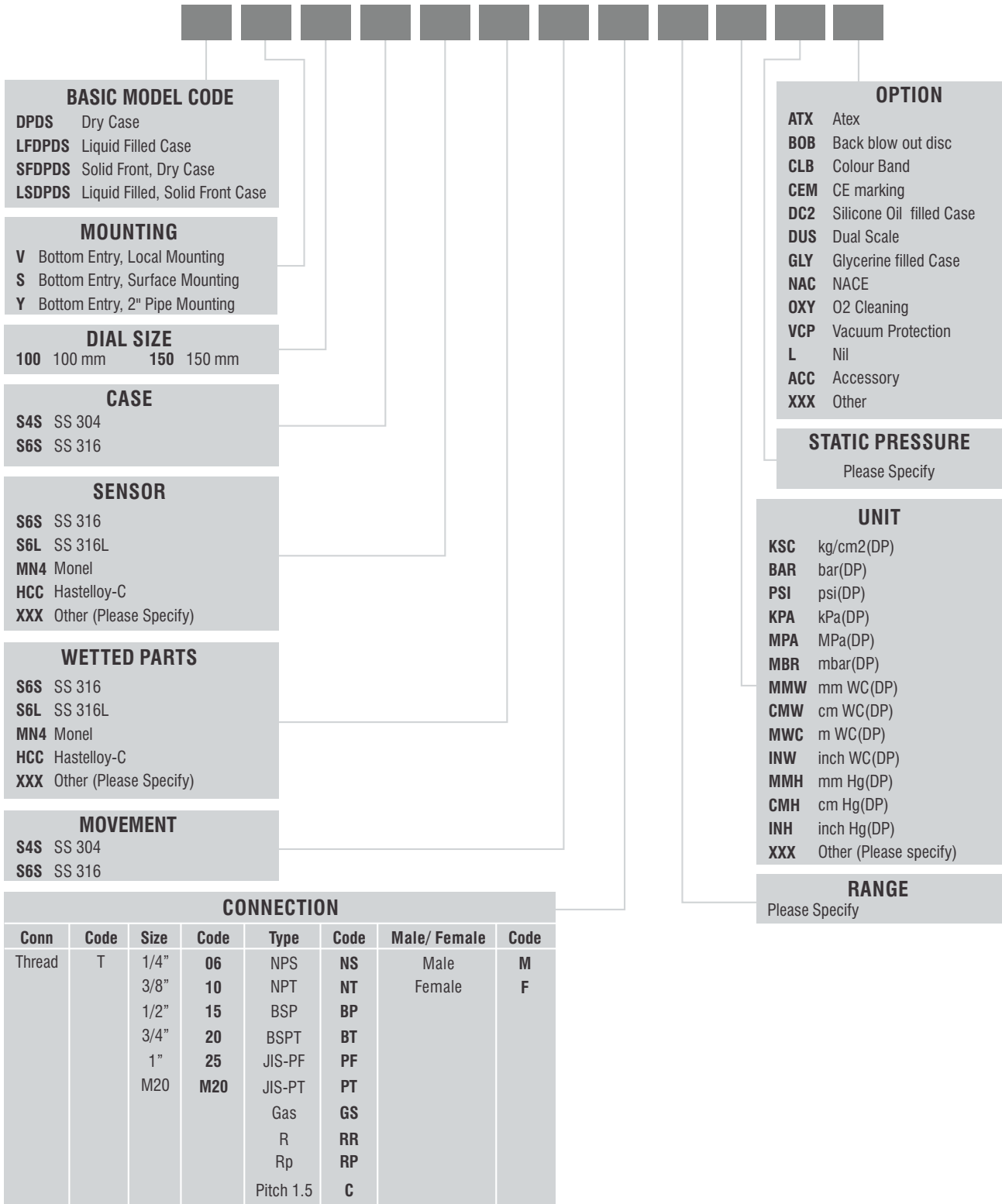
Dial	100mm / 150 mm, Aluminium, white background, black markings
Case	SS304 as standard (SS316 on request) with bayonet bezel
Protection	Weatherproof to IP-68 (IS:13947 part I / IEC:60529)
Window	Safety glass (Shatter proof / Toughened glass)
Pointer	Pointer Light weight, micrometer adjustable
Sensing element	Diaphragm
Wetted Parts	SS316 / SS316L / Monel / Hastelloy-C (other on request)
Movement	SS304 as standard (SS316 on request)
Connection	1/2" NPT (M) as standard (other on request)
Range	Any range between 0 to 160 mm WC & 0 to 4 kg/cm ² (DP) / Higher Range on request
Static Pressure	Upto 60 kg/cm ² g, Higher Static Pressure on request
Accuracy	$\pm 1.6\%$ FSD
Blow out disc	Provided (top of the case)
Temperature suitability	Ambient (-) 20°C to 60°C, Media 100°C
Temperature Effect	Within $\pm 0.5\%$ FSD/10°C, when temperature changes from reference temperature of 20°C
Optional	Liquid filled case (for Range 0 to 1000mmWC & above only) CE Atex

The parameters mentioned here are the standard specifications / values generally used for most of the process applications. Any other specification not appearing here also can be provided as per customer requirement. For higher temperature services above 100°C, we recommend to provide sufficient Impulse Tubing to bring down the fluid temperature .

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Ordering Information

MODEL



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

Sample Model Code: **DPDS-Y-150-S4S-S6S-S6S-S4S-T15NTM-(0-1000)-MMW-4kg/cm2.g-L**