

Model : **DPDS** (Dry Case) **LFPDS** (Liquid Filled Case)

SFPDS (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

Differential Pr. Gauges Diaphragm type

GAUGES BOURDON

Model : **DPDS** (Dry Case) **L FDPDS** (Liquid Filled Case)

F R A N C E

S FDPDS (Solid Front, Dry Case) **LSDPDS** (Liquid Filled, Solid Front Case)

Ordering Information

MODEL



BASIC MODEL CODE

DPDS Dry Case
L FDPDS Liquid Filled Case
S FDPDS Solid Front, Dry Case
LSDPDS Liquid Filled, Solid Front Case

MOUNTING

V Bottom Entry, Local Mounting
S Bottom Entry, Surface Mounting
Y Bottom Entry, 2" Pipe Mounting

DIAL SIZE

100 100 mm **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
GLY Glycerine filled Case
NAC NACE
OXY O2 Cleaning
VCP Vacuum Protection
L Nil
ACC Accessory
XXX Other

STATIC PRESSURE

Please Specify

UNIT

KSC kg/cm2(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"	06	NPS	NS	Male	M
		3/8"	10	NPT	NT	Female	F
		1/2"	15	BSP	BP		
		3/4"	20	BSPT	BT		
		1"	25	JIS-PF	PF		
		M20	M20	JIS-PT	PT		
				Gas	GS		
				R	RR		
				Rp	RP		
				Pitch 1.5	C		

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**

± 1%FSD Accuracy

Model : DPDX

Features

- Differential pressure measurement with Accuracy of ± 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



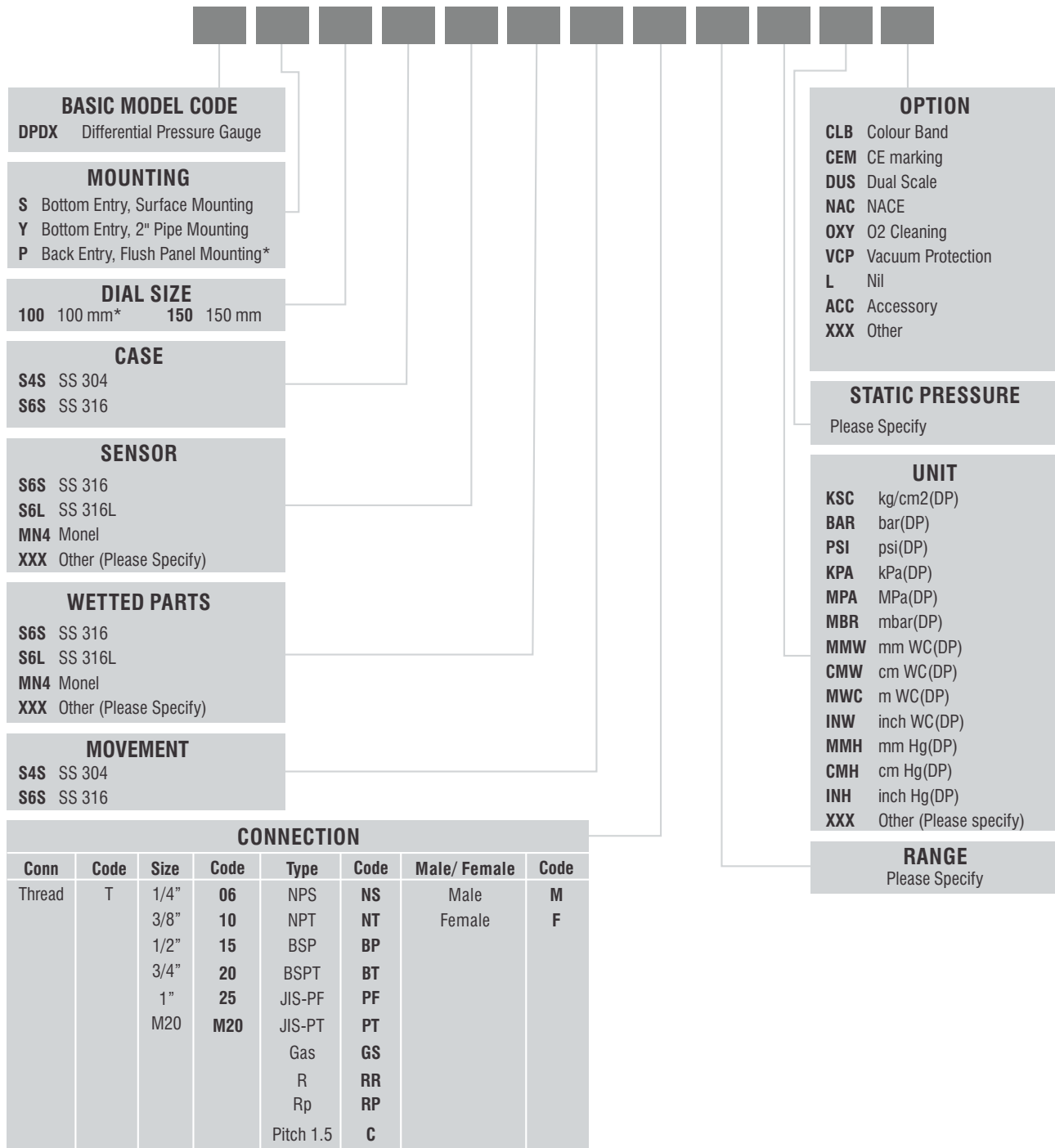
Specifications

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	½" 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	± 1% FSD
Blow out disc	Provided (top of the case)
Temperature suitability	Ambient (-) 20°C to 80°C, Media 100°C
Temperature Effect	Within ± 0.5% FSD/10°C, when temperature changes from reference temperature of 20°C
Optional	CE

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

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**