

Indicating Differential Pressure Switch

MODEL : PSDA

GENERAL has been designing and manufacturing high quality Diaphragm / Bellow Type Differential pressure indicating switches to suit to most of the industrial application for accurate control of the process equipments. Rigorous and continuous tests are conducted for design and quality conformance.

- Indicating Differential Pressure Switches are design to use in Pumps, Compressors, Lubrication Systems, Turbines, Generators, Boilers, Furnances etc. in industries such as Chemical, Fertiliser, Ferrous & Non-ferrous metal, Pulp & Paper, Power, Waste Water Treatment, Refinery & Petrochemical, Synthetic Fibre, etc.



Specifications

Sensing Element	: SS316L diaphragm or bellow
Case	: Diecast aluminium, epoxy painted, weatherproof to IP-67 (IS:13947 Part I) or flameproof to I, IIA, IIB (equivalent to NEC Cl. 1 Gr C & D) SS304 / SS316 optionally
Cable Entry	: 1/2" ET (F)
Switch	: 1 SPDT / 2 SPDT. Snap acting micro-switch (DPDT on request) Rated 5A @ 230 VAC (3A @ 28 VDC) or 15A @ 230VAC
Movement	: Brass
Set Point	: Adjustable throughout the range
Mounting	: Surface Mounting / Pipe, also available with Remote Seal
Process Connection	: 1/2" NPT (M) as standard. Other connections optionally
Range	: As customer requires (minimum 0 to 1000 mm WC)
Indication Accuracy	: $\pm 1\%$ FSD
Switching Accuracy	: $\pm 1.5 - 2\%$ FSD
Repeatability	: 1% FSD
Process Temperature	: (-)20°C to 60°C for SS wetted parts
Calibration	: All switches are individually calibrated

Ordering Information

TYPE : PSDA



MOUNTING

S Bottom Entry, Surface Mounting
P Back Entry, Panel Mounting
Y Yoke Mounting (2" pipe mounting)

DIAL

15 - 150 mm

CASE

AL Die-cast Aluminium
S4 SS304
S6 SS316

DIAPHRAGM / BELLOW

S6 SS316

MOVEMENT

Brass

CONNECTION

SIZE	TYPE	MALE / FEMALE	METRIC THREADS
6 1/4"	NT NPT	M Male	18 M - M 18 x 1.5
10 3/8"	BP BSP	F Female	20 M - M 20 x 1.5
15 1/2"	BT BSPT		24 M - M 24 x 1.5
20 3/4"	PF PF		27 M - M 27 x 2
25 1"	GS Gas		33 M - M 33 x 2
32 1.1/4"	NS NPSM		XX - Any other
40 1.1/2"			

OPTION

A 1SPDT
B 2SPDT
CE CE Certificate
E External zero Adjustment
N NACE-MR-01-75
O O₂ Cleaning
D Dual Scale
L Nil
P 2" Pipe Mounting Bracket
U Chemical Seal Unit-Refer Catalogue CSU
X Accessory - Refer Catalogue ACC

Static Pressure

Please Specify

UNIT

A kg/cm² (g)
B Bar (g)
C Psi
D KPa
E mmHg

RANGE

Please Specify

F - FLANGED PROCESS CONNECTION **

Size	Code	Rating	Code	Facing	Code
1/2"	15	150#	A	RF	RF
3/4"	20	300#	B	FF	FF
1"	25	600#	C	RTJ	RTJ
1 1/2"	40	900#	D	LT	LT
2"	50	1500#	E	LG	LG
3"	80	2500#	F		

The recommendations made in this catalogue are to be used as intended guide. No guarantee of material can be undertaken since other factors may affect the performance. We reserve the right to change the specifications mentioned in this catalogue without any notice as improvements & development is a continuous process. Responsibility of typographical errors is specifically disclaimed.