



Features:

- Fix / adjustable differential
- Field adjustable set point
- Flameproof to Gas groups
- Ingress Protection IP 67
- Internal set point lock
- Rigid construction
- Scale provided

Application:

- Marine applications
- Textile machineries
- Power & steel plants
- Oil & Gas, Refineries
- Petro-chemicals & Fertilizers
- Cement & Glass industries
- Railway engines & Turbines

Specifications

GENERAL

Design	: BS 6134
Sensing element	: Diaphragm
Repeatability	: ± 0.5 % Full Scale
Scale accuracy	: ± 1% Full Scale
Mounting	: Bottom / Panel
Equipment rating	: Ex d IIC T6 Gb as per IS/IEC 60079-1 : 2007 (-10°C ≤ Ta ≤ +60°C) Zone 0, 1 & 2
Ingress protection	: IP 65
Max. Porc. Temperature	: 150 °C
Ambient temperature	: -10...60 °C
Set point	: Between 20 to 80 % F.S for better performance
High voltage strength	: 0.5 to 0.6 KV between open contacts and 2 KV between contact and body

Material of construction

Enclosure	: Die-cast aluminum
Top chamber	: ASTM A105 - Ni plated, AISI 304 SS
Sensing element	: AIS 316 SS / Monel / Hastelloy - C276
Bottom chamber	: AISI 316 SS / AISI 316L SS / Monel / Hastelloy C-276
Wall mounting bracket	: ASTM A105 / AISI 304 SS
Yoke mounting bracket	: ASTM A105 / AISI 304 SS
Tag plate	: AISI 304 SS

STANDARD VERSION SPECIFICATION

Range	: As per the selection table
Set point adjustment	: External (Field adjustable)
Differential	: Fixed (Standard - 2...5%), Adjustable (For code N11B - 5...12.5%) For double contacts, Differential shall be 1.5 times
Switch	: 1 SPDT Snap action micro switch
Switch rating	: 15A,250 VAC / 2A,24 VDC (Standard)
Process connection	: ¼" BSP (F) / ¼" NPT (F)
Cable entry	: PG 13.5, single compression

Range table :

CODE	RANGE "mbar"	CODE	RANGE "bar"
200	-20...+20	001	-1...0
400	-40...+40	102	-1...+2
320	3...20	104	-1...+4
560	5...60	202	0.2...2
101	10...100	404	0.4...4
252	25...250	606	0.6...6
506	50...600	110	1...10
		116	1...16
		225	2...25

How To Order				Example		
Basic Model Code				PSDF		
Range						
Code as per Range Table on Page No. 1				XXX		
Diaphragm						
S6	AISI 316 SS (Standard)	MO	MONEL 400	HC	HASTELLOY C-276	XX
Bottom Chamber						
S6	AISI 316 SS (Standard)	MO	MONEL 400	HC	HASTELLOY C-276	XX
SL	AISI 316L SS (Standard)					
Set-Point Adjustment						
IN	Internal	EX	External	HC	HASTELLOY C-276	XX
Calibration						
FP	Falling Pressure	RP	Rising Pressure	HC	HASTELLOY C-276	XX
Micro witch						
N11A	Low Deadband Contact (15A/250 VAC, 2A/24 VDC)	N11E	Hermetically Sealed Silver Contact (2A/24VDC)			XXXX
N11B	Adjustable Deadband Contact (15A/250 VAC, 5A/24 VDC)	N11F	Hermetically Sealed Gold Contact (1A/125 VDC)			
N11C	Gold Contact (1A/250 VAC, 0.5/28 VDC)	N12A	DPDT Contact (10 A / 125 V AC)			
N11D	Environmentally Sealed Silver Contact (5A/28VDC)					
NO. of Micro witch						
1	One	2	Two (Except For Micro Switch Code N12A)			X
Cable Entry						
PG1	PG 13.5	4NF	½"NPT (F)	4BF	½"BSP (F)	XXX
DIN	4 PIN DIN Connector	3ET	¾" ET			
Process Connection						
2NF	¼" NPT (F) Standard	2BF	¼" BSP (F)			XXX
Other Process Connection available through adaptor, Please Write Full Description of Connection in model code.						
Optional						
FPC	Calibration Certificate	MTC	Material test certificates 3.1			XXX
PY4	2" pipe/yoke mounting bracket (AISI 304 SS)	STG	SS 304 Tag Plate			
BCG	Plated Brass Compression Cable Gland	WMB	Wall Mounting Bracket			

Ordering Example: PSDF - 202 - S6 - S6 - IN - FP - N11A - 1 - PG - 2NF

For other optional items, please contact factory for delivery and minimum quantity of order.

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing.

Modifications may take place and materials specified may be replaced by others without prior notice.