

Safety Pattern - Solid Front Pr. Gauges

MODEL : SFBSPG (Dry Case)

LFSFBSPG (Liquid Filled Case)

Features

- Safety pattern
- All SS construction
These pressure gauges are well suited for the process industries such as chemicals, petro-chemicals, energy or gas industry, food processing, nuclear etc.
- This version has been developed with solid baffle wall and blow out back which immediately releases in the event of accidental tube rupture.



Specifications

Ref. standard	EN 837
Dial	100 mm /150 mm, Aluminium, white background, black markings
Case	SS304 / SS316 with bayonet bezel
Protection	Weatherproof to IP-68 (IS:13947 part I / IEC:60529)
Window	Safety glass (Shatter proof / Toughened glass)
Bourdon	SS316, SS316 Ti, SS316L, Monel
Socket	22 mm Square in SS 316, SS316L, SS316 Ti, Monel
Movement	SS304, SS316
Range	As per EN 837 (refer table-1) minimum span 0.6 kg/cm ² , maximum 1600 kg/cm ²
Accuracy	± 1% FSD (0.5% on request)
Over range	As per EN 837
Suitability	(-) 20°C to 80°C (service temperature)
Zero adjustment	Micrometer Pointer
Blow out disc	Provided at back of Case
Optional	NACE compliance Liquid filled case External Knob for zero setting IBR Certification Vacuum Protection

Table 1

Gauge	Bar, kg/cm ²	Least count
Vacuum	(-)1 to 0	0.02
Compound	(-)1 to 0.6	0.05
	(-)1 to 1.5	0.05
	(-)1 to 3	0.10
	(-) 1 to 5	0.10
	(-)1 to 9	0.20
	(-)1 to 15	0.50
	(-)1 to 24	0.50
	(-)1 to 39	1.0
Pressure	0 to 0.6	0.01
Gauge	0 to 1	0.02
('C' shaped Bourdon)	0 to 1.6	0.05
	0 to 2.5	0.05
	0 to 4	0.10
	0 to 6	0.10
	0 to 10	0.20
	0 to 16	0.50
	0 to 25	0.50
	0 to 40	1.0
	0 to 60	1.0
	0 to 100	2.0
Pressure	0 to 160	5.0
Gauge	0 to 250	5.0
Coil type	0 to 400	10.0
Bourdon	0 to 600	10.0
	0 to 800	20.0
	0 to 1000	20.0
	0 to 1600	50.0

For range other than above please contact our design dept.

Ordering Information

MODEL : SFBSPG / LFSFBSPG

MOUNTING			
V	Bottom Entry, Local Mounting		
C	Back Entry, Local Mounting		
S	Bottom Entry, Surface Mounting		
P	Back Entry, Flush Panel Mounting		
Y	Bottom Entry, 2" Pipe Mounting		

DIAL	
10 - 100 mm	15 - 150 mm

CASE	
S4	SS304
S6	SS316

BOURDON	
S	SS316
L	SS316L
M	Monel
T	SS316Ti

SOCKET	
S	SS316
L	SS316L
M	Monel
T	SS316Ti

MOVEMENT	
4	SS304
6	SS316

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 NPS		XX - Any other
40 1.1/2"			

OPTION	
A	+/- 0.5% Accuracy
C	Colour band
CE	CE Certificate
D	Dual Scale
E	External Zero reset
F	Flanged process connection **
G	Glycerine Filled Case
I	IBR
L	Nil
M	Maxima Pointer
N	NACE
O	O ₂ Cleaning
R	150% over range
S	Silicon oil Filled Case
BS	Built in Snubber
BG	Built in Gauge Saver
VP	Vacuum Protection
SD	SS Dial
PD	Phenolic Dial
U	Chemical Seal Unit-Refer Catalogue CSU
X	Accessory - Refer Catalogue ACC

UNIT	
A	kg/cm2(g)
B	Bar(g)
C	PSI(g)
D	kPa(g)
E	mmHg(g)
H	MPa(g)
X	Please Specify

RANGE	
Specify from Table 1	

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		

** For Flanged Process Connection refer the table (mentioned separately)

* For surface mounting, min 20 mm gap is recommended between Surface and Gauge

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