

MARSH®

Full Safety Pattern Gauges



Description

Stainless steel case process gauge, full safety pattern Model SSC/SAF ST/SAF

According to DIN EN 837-1
S3 Nominal sizes, 100 and 160 mm Accuracy: Class 1

Features

- Rugged stainless steel case construction
- Bayonet locking case and bezel
- Protection to IP54 or IP65
- Usable at full scale
- Solid front bulk head with full blow out back
- Over-range protection 130%

Ranges

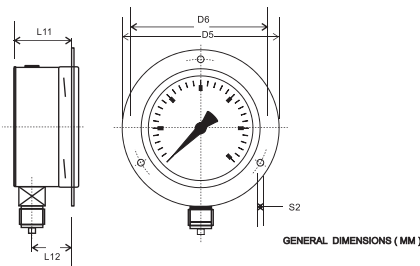
1...0bar. up to 0...1000 bar
-30 inHg...0. psi up to 0...15000 psi

Applications

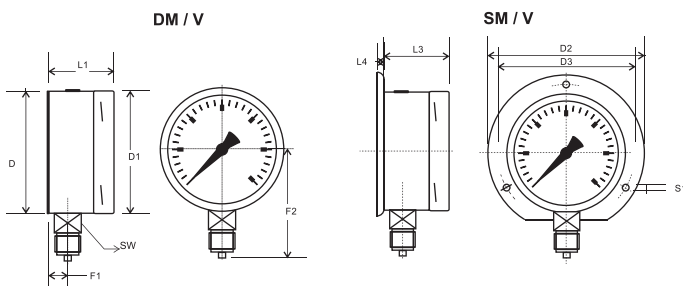
- Heating and ventilation industry
- Paper and pulp industry
- Food and beverage
- Petrochemical and chemical

Specifications:	SSC/SAF	ST/SAF
Dial Size	100	160
Construction	Flush fitting bayonet locking case and bezel, solid front bulkhead with full blow out back. DIN-EN 837 S3	
Measuring Element	C shaped bourdon tube to 60 bar, coiled 316ST. ST to 1000 bar	
Ranges {bar}	0,6. 1. 1,6. 2,5. 4. 6. 10. 16. 25. 40. 60. 100.. 160. 400. 600. 1000. -1/0. -1/0,6. -1/1,5. -1/3. -1/5. -1/9.	
Over-range limit	130% full scale....short periods	
Process Connection	1/4bsp, 3/8bsp, 1/2bsp according to EN837 1/4npt, 1/2npt, according to ANSI/ASME B1.20.1	
Material Construction		
Process Connection	Brass or Stainless steel AISI 316L	
Bourdon Tube	Phosphor bronze or 316 ST ST,	
Case / Bezel Ring	Stainless steel AISI 304L, optional 316L	
Window	Laminated safety glass, optional, acrylic	
Dial	Aluminium, black figures on white, optional, steel, other colours	
Pointer	Aluminium, black, optional, micro adjustment, steel	
Movement	Stainless steel 304	
Accuracy	Class 1 (1% F.S.D.), optional class 0.6 (0.6%)	
Permissible	Degree C	
Ambient Temp.	-25, +60	
Process Temperature	-30, Max.,+100	
Storage Temperature	-40,+60	
Temperature Effect	Max. 0,3% / 10 Deg C	
Protection	EN 60 529 IP54 (dry) IP65 (fillable and filled)	
Filling Liquid	Glycerine (GL) Silicone (SI)	
Mountings	Direct bottom, direct back, surface, flush panel, panel fixing	
Weight dry / filled {kg}	1.0 / 1.3	1.5 / 2.3
Accessories	Diaphragm seals, electrical contacts, index pointers, damped movement.	

All specifications are subject to change without notice



GAUGES WITH BOTTOM CONNECTION



	D	D1	D2	D3	D4	D5	D6	L1	L2	L3	L4	L5	L6
63													
100	99	101	132	118	107	132	118	60	60	58	4.0	62	58
160	159	161	192	178	167	192	178	60	60	58	4.0	62	58
250													
	L7	L8	L9	L10	L11	L12	F1	F2	F3	F4	S1	S2	SW
100	19	4	55	6	55	26	28	90	42	31	5.5	5.5	22
160	19	4	55	6	55	26	28	119	42	31	6	6	22

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