



CHEMICAL SEAL SYSTEMS

SA1000-F SERIES

The SA1000-F series combines the protection of the SA1000 seal with the versatility and reliability of standard ASME and DIN flange fittings.



Standard Features

Bolting	8 x 8mm bolts
Upper Body	316L Stainless Steel
Diaphragm Diameter	48mm
Diaphragm Material	316L Stainless Steel
Operating Temperature	-50 to +200°C
Max. Process Pressure	see flange ratings
Process Connection	DIN or ASME flange
Instrument Connection	1/2" BSP Female

For pressure ratings for these assemblies please refer to the flange tables in the appendix



Options	
Process Connection	
ASME flanges	1/2", 1", 1 1/2"
DIN flanges	DIN 20, DIN 25, DIN40
Diaphragm Material	Hastelloy C276, Monel 400, PTFE-lined stainless steel, PDFA-coated
Transmission Fill	TO-23, TO-31, TO-41, TO-47
Capillary	Armoured 316L stainless steel

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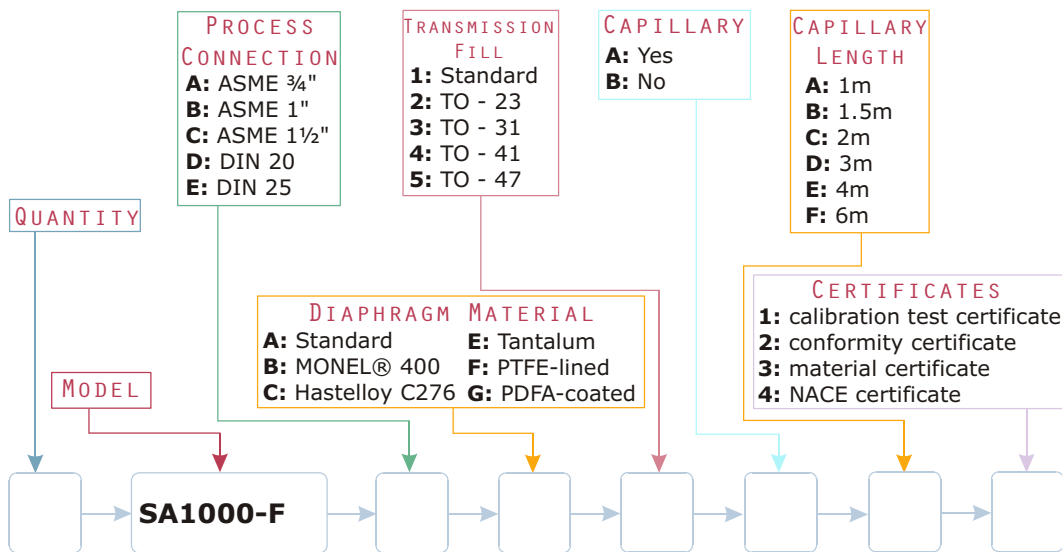
Effects of temperature on pressure readings per $\pm 10\text{ }^{\circ}\text{C}$ (in mbar) ~ measured from 20°C

Series	dD (mm)	TRANSMITTER TYPE			Seal	Capillary /m	Pressure (bar)	GAUGE DIAMETER			Seal	Capillary /m
		GP	AP	DP				63mm	100mm	160mm		
P	48	5	5		5	10.35	<40	13	52	90	7.2	15
B	48			0.05	1.24	2.28	>40	1	4	8	1.2	0.9



ORDERING MATRIX

Locate the order code for your specification and enter it into the appropriate box. See the Diaphragm Seals introduction and the tables on the previous page for more information about each component.



Can be fitted to

PG TR PS

Select the instrument you want to have connected to this seal and write in the complete order number in the empty matrix above. Together with the seal order number this completes the specifications for your instrument.