

ST3000 Series 900

Electric Absolute Pressure Transmitter

Model STA923 (Low Absolute Pressure),

Model STA940 (High Absolute Pressure)

Model No. : STA923 - I II III - 00000 - Option I - Option II

Model No. : STA940 - I II III - 00000 - Option I - Option II

Basic Model No.

Issued : Jun. 1, 2002	Page : 1-1-10(F)
Effective : Jan. 1, 2006	UNIT : 1000YEN

Fieldbus

Measuring Span	4.0 to 104kPa abs (30 to 780mmHg abs.) *13	STA923
	35 to 3500kPa abs (0.35 to 35kgf/cm ² abs.) *14	STA940

Selection I				Code	Price	Material Code							
I	Material	Meter Body Cover	Adapter Flange	Vent/Drain Plugs	Wetted Parts of Center Body		E	F	H	U	M	P	
		SCS14A*1	SCS14A*1	SUS316	Diaphragm:SUS316L Others : SUS316	E	401						
SCS14A*1	SCS14A*1	SUS316	Diaphragm : Hastelloy C Others : Hastelloy C	F	437								
SCS14A*1	SCS14A*1	SUS316	Diaphragm : Tantalum Others : Tantalum	H	478								
SCS14A*1	SCS14A*1	SUS316	Diaphragm:SUS316L Others : SUS316L	U	478								
PVC	PVC	PVC	Diaphragm : Hastelloy C Others : Hastelloy C *8	M	411								
PVC	PVC	PVC	Diaphragm : Tantalum Others : Tantalum *8	P	452								
II	Fill Fluid	Regular type (Silicone oil)			1	0	✓	✓	✓	✓	✓	✓	
		For oxygen service (Fluorine oil) *3			2	18	✓	✓	✓	✓	✓	✓	
		For chlorine service (Fluorine oil) *3			5	18			✓			✓	
III	Process Connection	Front Connection	Rc1/2 with adapter flange		L	3	✓						
			1/2NPT internal thread with adapter flange		G	3	✓						
			Rc1/4 with adapter flange		D	3	✓						
			1/4NPT internal thread with adapter flange		A	3	✓						
			1/4NPT internal thread on head		B	0	✓						
			Rc1/2 with adapter flange *9		Q	13		✓	✓	✓	✓	✓	✓
			1/2NPT internal thread with adapter flange *9		R	13		✓	✓	✓	✓	✓	✓
	Top or Bottom Connection		Rc1/4 with adapter flange *9		S	13		✓	✓	✓	✓		
			1/4NPT internal thread with adapter flange *9		T	13		✓	✓	✓	✓		
			1/4NPT internal thread on head *9		U	0		✓	✓	✓	✓		
					-								
					-								
					00000								
					-								
Options I	No options			X	0	✓	✓	✓	✓	✓	✓	✓	
	Built-in indicating smart meter(0 to 100% liner scales)			P	20	✓	✓	✓	✓	✓	✓	✓	
	Built-in indicating smart meter(engineering unit scales)			R	30	✓	✓	✓	✓	✓	✓	✓	
	SUS304 Bolt and nuts material			W	11	✓	✓	✓	✓	✓	✓	✓	
	SUS630 Bolt and nuts material			U	35	✓	✓	✓	✓	✓	✓	✓	
	Corrosion-resistant finish			A	11	✓	✓	✓	✓	✓	✓	✓	
	Corrosion-proof finish			B	14	✓	✓	✓	✓	✓	✓	✓	
	Corrosion-resistant finish, silver paint			D	16	✓	✓	✓	✓	✓	✓	✓	
	Oil Free finish			K	10	✓	✓	✓	✓	✓	✓	✓	
	Long Vent/drain plugs			J	5	✓	✓	✓	✓	✓	✓	✓	
	FM Explosionproof			3	8	✓	✓	✓	✓	✓	✓	✓	
ATEX Flameproof			6	7	✓	✓	✓	✓	✓	✓	✓		
Options II	No option			XX	0	✓	✓	✓	✓	✓	✓	✓	
	Water free finish (with Oil free finish)			A7	17	✓	✓	✓	✓	✓	✓	✓	
	NEPSI Flameproof			C1	8	✓	✓	✓	✓	✓	✓	✓	
	Custom calibration			C7	5	✓	✓	✓	✓	✓	✓	✓	
	FOUNDATION fieldbus *33			D6	75	✓	✓	✓	✓	✓	✓	✓	
	One Elbow			E1	2	✓	✓	✓	✓	✓	✓	✓	
	Two Elbows			E2	4	✓	✓	✓	✓	✓	✓	✓	
	Mounting bracket			E9	2	✓	✓	✓	✓	✓	✓	✓	
	Side vent/drain top			F1	4	✓							
	Side vent/drain bottom			F2	4	✓							
	Material certificate			H2	21	✓	✓	✓	✓	✓	✓	✓	
	Fieldbus communication stack BASIC class (used with option D6) *33			L1	0	✓	✓	✓	✓	✓	✓	✓	
	SI unit			U1	5	✓	✓	✓	✓	✓	✓	✓	

*1 SCS14A (Equivalent SUS316) or SUSF316

*3 In case "For oxygen or chlorine (Fluorine oil) service" is used, "oil free finish - code K" must be selected.

*8 SUS304 bolts and nuts material (-W) must be selected when PVC meterbody cover is selected (-M or -P).The max. working pressure is 1.5MPa.

*9 Applicable for wetted parts of center body material ; Hastelloy C or Tantalum

*13 Specify range in abs. Pressure. Correct: 0 to 500mmHg abs. Incorrect: -700mmHg to 1kgf/cm²

*14 Specify range in abs. Pressure. Correct: 0 to 3kgf/cm² abs. Incorrect: -1 to 2kgf/cm² abs.

*33 "FOUNDATION fieldbus - code D6" and "Fieldbus communication stack BASIC class - code L1" must be selected.