

ST3000 Series 900

Electric Pressure Transmitter Model STG940 (Low Gage Pressure)

Model No. : STG940 - I II III - 00000 - Option I - Option II

Basic Model No.

Issued : Jun. 1, 2002	Page : 1-1-7(F)
Effective : Jan. 1, 2006	UNIT : 1000YEN

Fieldbus

Measuring Span	35 to 3500kPa (0.35 to 35kgf/cm ²)	STG940
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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	305					
		SCS14A*1	SCS14A*1	SUS316	Diaphragm : Hastelloy C Others : Hastelloy C	F	341					
		SCS14A*1	SCS14A*1	SUS316	Diaphragm : Tantalum Others : Tantalum	H	404					
		SCS14A*1	SCS14A*1	SUS316	Diaphragm:SUS316L Others : SUS316L	U	404					
		PVC	PVC	PVC	Diaphragm : Hastelloy C Others : Hastelloy C *8	M	353					
		PVC	PVC	PVC	Diaphragm : Tantalum Others : Tantalum *8	P	416					
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	✓	✓				
	Top or Bottom Connection	Rc1/2 with adapter flange *7		Q	13		✓	✓	✓	✓	✓	
		1/2NPT internal thread with adapter flange *7		R	13		✓	✓	✓	✓	✓	
		Rc1/4 with adapter flange *7		S	13		✓	✓	✓	✓	✓	
		1/4NPT internal thread with adapter flange *7		T	13		✓	✓	✓	✓	✓	
		1/4NPT internal thread on head *7		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.

*7 Applicable for wetted parts of center body material ;Tantalum,SUS316L

*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.

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

ST3000 Series 900
Electric Pressure Transmitter
Model STG960 (Medium Gage Pressure)

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Effective : Jan. 1, 2006	UNIT : 1000YEN

Fieldbus

Model No. : STG960 - I II III - 00000 - Option I - Option II

Basic Model No.

Measuring Span	0.7 to 14MPa (7.0 to 140kgf/cm ²)	STG960
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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
		SCS14A*1	SCS14A*1	SUS316	Diaphragm:SUS316L Others : SUS316	E	305				
		SCS14A*1	SCS14A*1	SUS316	Diaphragm : Hastelloy C Others : Hastelloy C	F	341				
		SCS14A*1	SCS14A*1	SUS316	Diaphragm : Tantalum Others : Tantalum	H	404				
		SCS14A*1	SCS14A*1	SUS316	Diaphragm:SUS316L Others : SUS316L	U	404				
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	✓	✓			
	Top or Bottom Connection			Rc1/2 with adapter flange *7		Q	13			✓	✓
				1/2NPT internal thread with adapter flange *7		R	13			✓	✓
				Rc1/4 with adapter flange *7		S	13			✓	✓
				1/4NPT internal thread with adapter flange *7		T	13			✓	✓
				1/4NPT internal thread on head *7		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 *11		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.

*7 Applicable for wetted parts of center body material ;Tantalum,SUS316L

*11 When SUS304 bolt/nut is selected, max working pressure rating is 7MPa(70kgf/cm2).

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

ST3000 Series 900
Electric Pressure Transmitter

Model STG981 (High Gage Pressure)

Model No. : STG981 - I II III - 00000 - Option I - Option II

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Effective : Jan. 18, 2008	UNIT : 1000YEN

Fieldbus

Basic Model No.

Measuring Span	0.7 to 42MPa(7 to 420kgf/cm2)
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Selection I			Code	Price	Material Code	
I	Material				E	F
		Meter Body Cover				
		Vent / Drain Plugs				
		Wetted Parts of Center Body				
		SCS14A*1	SUS316	Diaphragm:SUS316L Others : SUS316	E	305
		SCS14A*1	SUS316	Diaphragm : Hastelloy C Others : Hastelloy C	F	341
II	Fill Fluid	Regular type (Silicone oil)	1	0	✓	✓
		For oxygen service (Fluorine oil) *3	2	18	✓	✓
III	Process connection	Top or Bottom Connection	Rc1/4	S	10	✓
			1/4NPT internal thread	T	10	✓

			-			
			00000			
			-			

Options I		Code	Price		
	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 *12	W	11	✓	✓
	SUS630 Bolt and nuts material	U	60	✓	✓
	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		Code	Price		
	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	✓	✓
	PED (97/23/EC) Conformity *34	H1	40	✓	✓
	Material certificate	H2	21	✓	✓
	Max working pressure 20MPa	H3	0	✓	✓
	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, it's recommended to select "oil free finish - code K"

*12 When SUS304 bolt/nut is selected, max working pressure rating is 23MPa(230kgf/cm2).

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

*34 "PED Conformity" is not applicable for the combination with FM, CSA or NEPSI approvals.