

14-6 Model SVX (non-explosion-proof type) Smart valve positioner for rotary valves**14-6-1 SVX 100/102**

SVX100	130
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Analog Signal (4 to 20mA.DC.)

-	(1)	(2)	(3)	(4)	(5)	-	(6)	(7)	(8)	-	(9)	(10)
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SVX102	143
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Analog Signal (4 to 20mA.DC.) with HART protocol

Note

*1 No domestic sales in Japan due to non-SI unit.

*2 In the case of using the device as a single acting actuator, close the output air pressure connection plug (OUT2).

(The device cannot be used when the output air pressure plug (OUT1) is closed)

*3 Please select a mounting bracket model (model SVA).

*4 In the case of selecting the pressure gauge, select with T type joint in pressure gauge joint.

*5 In the case of selecting "No pressure gauge" in "Supply air pressure classification", select "No selection" in "Scale unit".

*6 In the case of selecting "Direct mounting type", mounting thread is M6.

*7 Please select a "code D, Direct mounting type(For rotary valves)" as shown in Section (4) Feedback lever type.

*8 In the case of selecting the pressure gauge is not attached to T type joint.

			Code	Add. Price	Delivery (Week)
(1) Structure	Standard		X	0	4
	FM Intrinsically safe (Model SVX102 only)		F	15	4
	KEMA/ATEX intrinsically safe (Model SVX102 only)		L	15	4
(2) Connection	Electrical connection	Air piping connection	Mounting thread		
	G1/2	Rc1/4	M8	G	0 4
	1/2NPT	1/4NPT	M8	N	5 4
	1/2NPT	1/4NPT	5/16-18	U	5 4
(3) Finish	Standard		S	0	4
(4),(5) Feedback lever type	Slide lever type (For rotary valves)		AX	0	4
	Fork lever type (For rotary valves)		RX	0	4
	Stroke lever type (For direct acting valve/rotation valves)		SX	0	4
	Direct mounting type (For rotary valves)	(Note *6)	DX	20	6
(6) Pressure gauge joint	No selection		X	-1	4
	With T type joint	(Note *4)	T	0	4
	With T type joint (unassembled)	(Note *8)	A	0	4
(7) Supply air pressure classification	No pressure gauge	(Note *5)	X	-1	4
	200 kPa (Supply air pressure power: 130kPa < Ps ≤ 150kPa)	(Note *4)	1	0	4
	400 kPa (Supply air pressure power: 150kPa < Ps ≤ 300kPa)	(Note *4)	2	0	4
	600 kPa (Supply air pressure power: 300kPa < Ps ≤ 450kPa)	(Note *4)	3	0	4
	1000 kPa (Supply air pressure power: 450kPa < Ps ≤ 700kPa)	(Note *4)	4	0	4
(8) Scale unit	No selection	(Note *5)	X	-1	4
	kPa	(Note *5)	A	0	4
	(kgf/cm ²)	(Note *1)	B	0	4
	MPa	(Note *5)	C	0	4
	bar	(Note *5)	D	5	4
	(psi)	(Note *1)	E	5	4
(9),(10) Option	No selection		XX	0	4
	For single acting actuator (with plug for OUT2)	(Note *2)	PD	1	4
	Universal Elbow (SUS304 G1/2)		JA	2	4
	With mounting bracket	(Note *3)	BA	0	-
	With NAMUR joints for Direct mounting type	(Note *7)	MD	3	6

Accessories**Table 1. Price and Delivery of Mounting Bracket**

SVA	1				(1)	(2)	(3)	(4)
Mounting bracket material	0			SUS304				
	1			SS400 standard zinc plated (bolt and nut is SUS304)				
Mounting thread	0			Metric thread (Select when SVX thread connection code is "G" or "N.")				
	1			Unify thread (Selection when SVX thread connection is "U".)				

										SS400 standard zinc plated (bolt and nut is SUS304)		SUS304	
										Basic Price	Delivery (week)	Basic Price	Delivery (week)
Mounting Bracket *2	KTz B series B-1, BS-1, BSW-1	*1	B	K	T	A				20	4	25	4
	KTz B series B-2, BS-2, BSW-2	*1	B	K	T	B				20	4	25	4
	KTz B series B-3, BS-3, BSW-3	*1	B	K	T	C				20	4	25	4
	KTz B series B-4, BS-4, BSW-4	*1	B	K	T	D				20	4	25	4
	KTz B series B-5, BS-5, BSW-5	*1	B	K	T	E				20	4	25	4
	KTz B series B-6, BS-6, BSW-6	*1	B	K	T	F				20	4	25	4
	Kitamura Valve AK09, 09S, 12, 12S, 15, 15S	*1	K	A	K	A				20	4	25	4
	Kitamura Valve AG06, 06S	*1	K	A	G	A				20	4	25	4
	Kitamura Valve AG09, 09S	*1	K	A	G	B				20	4	25	4
	Kitamura Valve AG13, 13S	*1	K	A	G	C				20	4	25	4
	Kitamura Valve AW13, AW13S	*1	K	A	W	A				20	4	25	4
	Kitamura Valve AW17, 17S	*1	K	A	W	B				20	4	25	4
	Kitamura Valve AW20, 20S	*1	K	A	W	C				20	4	25	4
	NAMUR STANDARD (pitch 80mm, height 20mm) Zomox (EL-O-MATIC) E25, 40, 65, 100, 200, 350 Nihon Koso 6300 series 63A2, ATseries AT20	*1,*3	R	U	M	1				20	4	25	4
	NAMUR STANDARD (pitch 80mm, height 30mm)	*1,*3	R	U	M	2				20	4	25	4
	NAMUR STANDARD (pitch 130mm, height 30mm) Zomox (EL-O-MATIC) E600, 950, 1600, P2500, 4000	*1,*3	R	U	M	3				20	4	25	4
	NAMUR STANDARD (pitch 130mm, height 50mm) Nihon Koso 6300 series 63A5, ATseries AT50	*1,*3	R	U	M	4				20	4	25	4
	NAMUR STANDARD (pitch 80mm, height 20mm)	*5	R	U	M	A				15	4	20	4
	NAMUR STANDARD (pitch 80mm, height 30mm)	*5	R	U	M	B				15	4	20	4
	NAMUR STANDARD (pitch 130mm, height 30mm)	*5	R	U	M	C				15	4	20	4
	NAMUR STANDARD (pitch 130mm, height 50mm)	*5	R	U	M	D				15	4	20	4
	Tomoe Valve Z series Z-06, 08	*1	C	B	F	A				20	4	25	4
	Tomoe Valve Z series Z-11	*1	C	B	F	B				20	4	25	4
	Tomoe Valve Z series Z-13	*1	C	B	F	C				20	4	25	4
	Tomoe Valve T-matic 3Q-1, 2, 3, 4, 3I-1, 2, 3, 4	*1	C	B	T	A				20	4	25	4
	Hisaka Actuator # TS/TD-1 (Fork-lever-type)	*1	H	T	S	A				20	4	25	4
	Hisaka Actuator # TS/TD-2 (Fork-lever-type)	*1	H	T	S	B				20	4	25	4
	Hisaka Actuator # TS/TD-3 (Fork-lever-type)	*1	H	T	S	C				20	4	25	4
	Hisaka Actuator # TS/TD-4,TS/TD-5	*1	H	T	S	D				20	4	25	4
	Hisaka Actuator # TS/TD-5	*1	H	T	S	E				20	4	25	4
	Hisaka Actuator # TS/TD-6 (Fork-lever-type)	*1	H	T	S	F				20	4	25	4

- Note *1 For fork lever type.
 *2 Select mounting bracket depend on the feedback lever type.
 *3 Confirm the pitch and height for NAMUR standard actuator.
 *4 For stroke lever type.
 *5 For direct mounting type.

Table 1. Price and Delivery of Mounting Bracket

SVA	1					(1)	(2)	(3)	(4)
Mounting bracket material		0		SUS304					
		1		SS400 standard zinc plated (bolt and nut is SUS304)					
Mounting thread		0		Metric thread (Select when SVX thread connection code is "G" or "N.")					
		1		Unify thread (Selection when SVX thread connection is "U".)					

						(1)	(2)	(3)	(4)	SS400 standard zinc plated (bolt and nut is SUS304)		SUS304	
										Basic Price	Delivery (week)	Basic Price	Delivery (week)
Mounting bracket *2	KTz B series B-1, BS-1, BSW-1	*4	B	K	T	1				20	4	25	4
	KTz B series B-2, BS-2, BSW-2	*4	B	K	T	2				20	4	25	4
	KTz B series B-3, BS-3, BSW-3	*4	B	K	T	3				20	4	25	4
	KTz B series B-4, BS-4, BSW-4	*4	B	K	T	4				20	4	25	4
	KTz B series B-5, BS-5, BSW-5	*4	B	K	T	5				20	4	25	4
	KTz B series B-6, BS-6, BSW-6	*4	B	K	T	6				20	4	25	4
	Kitamura Valve AK09, 09S, 12, 12S, 15, 15S	*4	K	A	K	1				20	4	25	4
	Kitamura Valve AG06, 06S	*4	K	A	G	1				20	4	25	4
	Kitamura Valve AG09, 09S	*4	K	A	G	2				20	4	25	4
	Kitamura Valve AG13, 13S	*4	K	A	G	3				20	4	25	4
	Kitamura Valve AW13, AW13S	*4	K	A	W	1				20	4	25	4
	Kitamura Valve AW17, 17S	*4	K	A	W	2				20	4	25	4
	Kitamura Valve AW20, 20S	*4	K	A	W	3				20	4	25	4
	Zomox (EL-O-MATIC) E25, 40, 65, 100, 200, 350	*4	E	M	E	1				20	4	25	4
	Zomox (EL-O-MATIC) E600, 950, 1600, P2500, 4000	*4	E	M	E	2				20	4	25	4
	Tomoe Valve Z series Z-06, 08, 11, 13	*4	C	B	F	1				20	4	25	4
	Tomoe Valve T-matic 3Q-1, 2, 3, 4, 3I-1, 2, 3, 4	*4	C	B	T	1				20	4	25	4
	Hisaka Actuator # TS/TD-1 (Stroke-lever-type)	*4	H	T	S	1				20	4	25	4
	Hisaka Actuator # TS/TD-2 (Stroke-lever-type)	*4	H	T	S	2				20	4	25	4
	Hisaka Actuator # TS/TD-3 (Stroke-lever-type)	*4	H	T	S	3				20	4	25	4
	Hisaka Actuator # TS/TD-4, TS/TD-5 (old type, w/M8 bolt) (Stroke-lever-type)	*4	H	T	S	4				20	4	25	4

- Note *1 For fork lever type.
 *2 Select mounting bracket depend on the feedback lever type.
 *3 Confirm the pitch and height for NAMUR standard actuator.
 *4 For stroke lever type.

Accessories

pitch	80 mm	80 mm	130 mm	130 mm
height	20 mm	30 mm	30 mm	50 mm

