

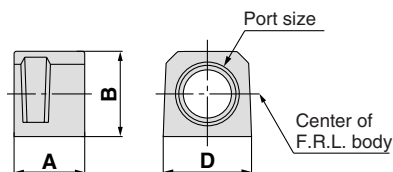
Series AC

Piping Adapter: M5 x 0.8, 1/8, 1/4, 3/8, 1/2, 3/4, 1

A piping adapter allows installation/removal of the component without removing the piping and thus makes maintenance easier.



Piping adapter



Model (Note 1)	Port size	A	B	D	Applicable model
E100-M5	M5 x 0.8	10	14	14	AC10□, AW10, AF10, AR10, AL10
E200-□01	1/8	30	23.5	28	AC20□
E200-□02	1/4				AF20, AR20□, AW20□
E200-□03	3/8				AL20, AFM20, AFD20, AWM20, AWD20
E300-□02	1/4	32	30	30	AC25□, AC30□
E300-□03	3/8				AF30, AR30□, AW30□
E300-□04	1/2				AL30, AFM30, AFD30, AWM30, AWD30
E400-□02	1/4	32	36	36	AC40□
E400-□03	3/8				AF40, AR40□, AW40□
E400-□04	1/2				AL40, AFM40, AFD40
E400-□06	3/4				AWM40, AWD40
E500-□06	3/4	32	40	44	AC40□-06, AF40-06, AR40□-06, AW40□-06, AL40-06, AFM40-06, AFD40-06
E600-□06	3/4	35	48	53	AC50, AC55, AC60, AC50A
E600-□10	1				AC60A, AC50B, AC55B
					AC60B, AF50, AF60, AR50□
					AR60□, AL50, AL60, AW60□

Note 1) □ in model numbers indicates a thread type. No indication is necessary for Rc; however, indicate N for NPT, and F for G.

Note 2) Separate interfaces are required for modular unit.

* Factory mounting of a piping adapter on the AC models is available as a special order.

Pressure Switch with Piping Adapter

IS1000E-**30****03**-**03**

1 2 3 4

	Symbol	Description	1
			Body size
			20 30 40
2	Thread type	Nil N (Note) F (Note)	Rc NPT G
		+	
3	Port size	01 02 03 04 06	1/8 1/4 3/8 1/2 3/4
		+	

4	Accessory	Symbol	Lead wire length	Regulating pressure range	Pressure display	Mounting position
		Nil	0.5 m	0.1 to 0.4 MPa	MPa	Right
		X250	0.5 m	0.1 to 0.4 MPa	MPa	Left
		P (Note)	0.5 m	0.1 to 0.4 MPa	MPa/psi dual scale	Right
		X250-P (Note)	0.5 m	0.1 to 0.4 MPa	MPa/psi dual scale	Left
		X202	0.5 m	0.1 to 0.6 MPa	MPa	Right
		X252	0.5 m	0.1 to 0.6 MPa	MPa	Left
		X202-P (Note)	0.5 m	0.1 to 0.6 MPa	MPa/psi dual scale	Right
		X252-P (Note)	0.5 m	0.1 to 0.6 MPa	MPa/psi dual scale	Left
		X201	3 m	0.1 to 0.4 MPa	MPa	Right
		X251	3 m	0.1 to 0.4 MPa	MPa	Left
		X201-P (Note)	3 m	0.1 to 0.4 MPa	MPa/psi dual scale	Right
		X251-P (Note)	3 m	0.1 to 0.4 MPa	MPa/psi dual scale	Left
		X215	3 m	0.1 to 0.6 MPa	MPa	Right
		X253	3 m	0.1 to 0.6 MPa	MPa	Left
		X215-P (Note)	3 m	0.1 to 0.6 MPa	MPa/psi dual scale	Right
		X253-P (Note)	3 m	0.1 to 0.6 MPa	MPa/psi dual scale	Left

Note) For thread type: NPT only. This product is for overseas use only according to the new Measurement Law.
(The SI unit type is provided for use in Japan.)

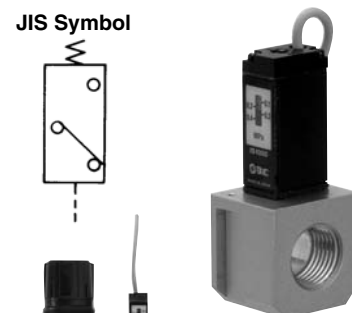
Specifications

Fluid	Air
Ambient and fluid temperature	-5 to 60°C (with no freezing)
Proof pressure	1.0 MPa
Maximum operating pressure	0.7 MPa
Set pressure range (when OFF)	0.1 to 0.4 MPa
Hysteresis	0.08 MPa or less

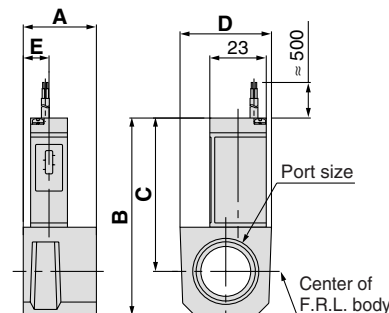
Switch Characteristics

Contact point configuration	1a
Maximum contact point capacity	2VA(AC), 2W(DC)
Operating voltage: AC, DC	100V or less
Maximum operating current	12V to 24V AC, DC: 50 mA 48V AC, DC: 40 mA 100V AC, DC: 20 mA

JIS Symbol



Left Right
Pressure switch with piping adapter



Model (Note 1)	Port size	A	B	C	D	E	Applicable model
IS1000E-20□01	1/8	30	68	57	28	16	AC20□
IS1000E-20□02	1/4						AR20□, AW20□
IS1000E-20□03	3/8						AWM20, AWD20
IS1000E-30□02	1/4	32	74.5	60.5	30	13	AC25□, AC30□
IS1000E-30□03	3/8						AR25□, AR30□, AW30□
IS1000E-30□04	1/2						AWM30, AWD30
IS1000E-40□02	1/4	32	80.5	62.5	37	12.5	Note 2) AC40□
IS1000E-40□03	3/8						AR40□, AW40□
IS1000E-40□04	1/2						AWM40, AWD40
IS1000E-40□06	3/4						

Note 1) □ in the model numbers indicates a thread type. No indication is necessary for Rc; however, indicate N for NPT, and F for G.

Note 2) Cannot be mounted on the AC40□-06 and AW40□-06.

Note 3) Separate interfaces are required for modular unit.

* The pressure switch on the AC40□-06 and above and the AW40□-06 can be mounted by screwing IS1000-01 into the piping adapter E500-□06-X501 or E600-□06-X501 to E600-□10-X501 (with top-face thread Rc 1/8). Products with a premounted switch are available as a special order. Please contact SMC regarding their availability.