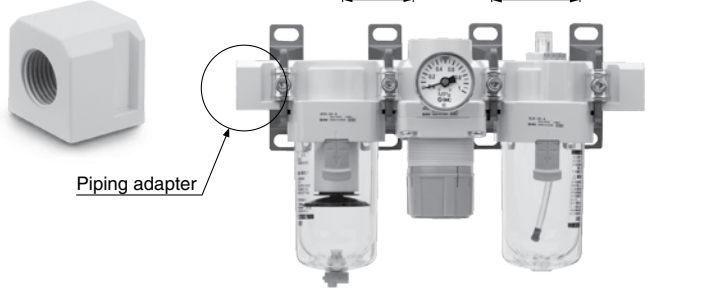


Piping Adapter: 1/8, 1/4, 3/8, 1/2, 3/4

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



Model (Note)	Port size	A	B	D	Applicable model
E100-M5-A	M5 x 0.8	10	14	14	AC10□-A
E200-□01-A	1/8	29.8	23.5	28	AC20□-A
E200-□02-A	1/4				
E200-□03-A	3/8				
E300-□02-A	1/4	31.8	30	30	AC25□-A, AC30□-A
E300-□03-A	3/8				
E300-□04-A	1/2				
E400-□02-A	1/4	31.8	36	36	AC40□-A
E400-□03-A	3/8				
E400-□04-A	1/2				
E400-□06-A	3/4				
E500-□06-A	3/4	31.8	40	44	AC40□-06-A

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

* 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

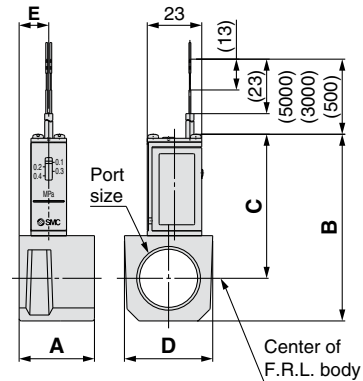
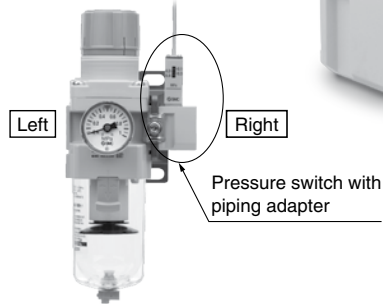
IS10E - **30** **03** - **A**

① ② ③ ④

- Semi-standard: Select one each for a to d.
 - Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.
- Example) IS10E-30N03-6PRZ

	Symbol	Description	① Body size					
			20	30	40			
② Pipe thread type	Nil	Rc	●	●	●			
	N (Note)	NPT	●	●	●			
	F (Note)	G	●	●	●			
③ Port size	+							
	01	1/8	●	—	—			
	02	1/4	●	●	—			
	03	3/8	●	●	●			
	04	1/2	—	●	●			
④ Semi-standard	a Set pressure range	Nil	15 to 58 psi (0.1 to 0.4 MPa)			●	●	●
		6 (Note 1)	15 to 87 psi (0.1 to 0.6 MPa)			●	●	●
	b Lead wire length	+						
		Nil	0.5 m	●	●	●		
		L	3 m	●	●	●		
	c Pressure unit of the scale plate	+						
		Nil	MPa	●	●	●		
	d Mounting position	+						
		P (Note 2)	MPa/psi dual scale	●	●	●		
		+						
Nil		Right	●	●	●			
	R	Left	●	●	●			

Symbol



Note 1) Set pressure range of 6P (L, R, Z) is 0.2 to 0.6 MPa (30 to 90 psi).

Note 2) For pipe 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	23 to 140°F (-5 to 60°C) (with no freezing)
Proof pressure	145 psi (1.0 MPa)
Maximum operating pressure	102 psi (0.7 MPa)
Set pressure range (when OFF)	15 to 58 psi (0.1 to 0.4 MPa)
Hysteresis	12 psi (0.08 MPa) or less

Switch Characteristics

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

Model (Note 1)	Port size	A	B	C	D	E	Applicable model
IS10E-20□01-A	1/8	29.8	66.3	55.3	28	16	AC20□-A
IS10E-20□02-A	1/4						
IS10E-20□03-A	3/8						
IS10E-30□02-A	1/4	31.8	72.8	58.8	30	13	AC25□-A, AC30□-A
IS10E-30□03-A	3/8						
IS10E-30□04-A	1/2						
IS10E-40□02-A	1/4	31.8	78.8	60.8	37	12.5	Note 2) AC40□-A
IS10E-40□03-A	3/8						
IS10E-40□04-A	1/2						
IS10E-40□06-A	3/4						

Note 1) □ in the model numbers indicates a pipe 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-A.

* Separate interfaces are required for modular unit.

* The pressure switch on the AC40□-06-A can be mounted by screwing IS10-01S into the piping adapter E500□06-A-X501 (with top-face thread Rc1/8). Products with a premounted switch are available as a special order. Please contact SMC regarding their availability.