

Series AC

Pressure Switch: (S)

A compact integrated pressure switch can be easily installed and facilitates the pressure detection of the line.

IS1000M - **30** - **□**

① ②

		Symbol	Description			①				
			Lead wire length	Set pressure range	Pressure display	Body size				
						20	30	40	50	60
②	Option	Nil	0.5 m	0.1 to 0.4 MPa	MPa	●	●	●	●	●
		P (Note)	0.5 m	0.1 to 0.4 MPa	MPa/psi dual scale	●	●	●	●	●
		X202	0.5 m	0.1 to 0.6 MPa	MPa	●	●	●	●	●
		X202-P (Note)	0.5 m	0.1 to 0.6 MPa	MPa/psi dual scale	●	●	●	●	●
		X201	3 m	0.1 to 0.4 MPa	MPa	●	●	●	●	●
		X201-P (Note)	3 m	0.1 to 0.4 MPa	MPa/psi dual scale	●	●	●	●	●
		X215	3 m	0.1 to 0.6 MPa	MPa	●	●	●	●	●
		X215-P (Note)	3 m	0.1 to 0.6 MPa	MPa/psi dual scale	●	●	●	●	●

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

Specifications

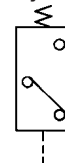
Fluid	Air
Ambient and fluid temperature	-5 to 60°C (with no freezing)
Proof pressure	1.0 MPa
Maximum operating pressure	0.7 MPa
Set pressure range (when OFF)	0.1 to 0.4 MPa
Hysteresis	0.08 MPa or less

Switch Characteristics

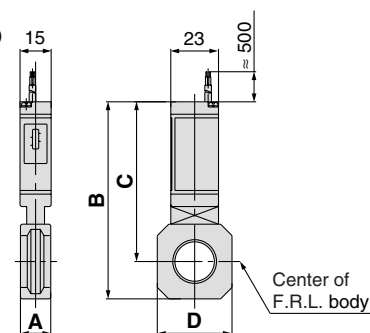
Contact point configuration	1a
Maximum contact point capacity	2 VA (AC), 2 W (DC)
Operating voltage: AC, DC	100 V or less
Maximum operating current	12 V to 24 VAC, DC: 50 mA 48 VAC, DC: 40 mA 100 VAC, DC: 20 mA

(Note) For detailed specifications on the IS1000 series, please refer to series IS1000 in Best Pneumatics No.6.

JIS Symbol



Pressure switch

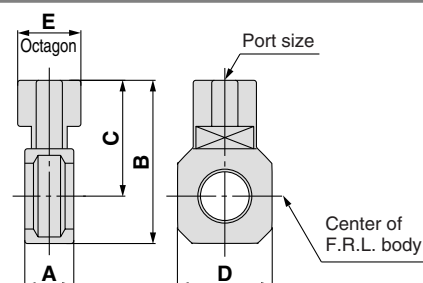
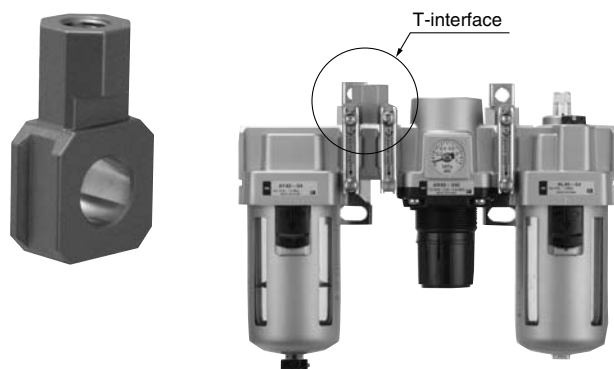


Model	A	B	C	D	Applicable model
IS1000M-20	11	76	66	28	AC20□
IS1000M-30	13	86	72	30	AC25□, AC30□
IS1000M-40	15	95	77	36	AC40□
IS1000M-50	17	99	79	44	AC40□-06
IS1000M-60	22	92.5	68.5	53	AC50□, AC55□, AC60□

(Note) Separate spacers are required for modular unit.

T-interface: (T) M5 x 0.8, 1/8, 1/4, 3/8, 1/2

Using a T-interface facilitates the redirection of air flow.



Model	Port size	A	B	C	D	E	Applicable model
Y110-M5	M5 x 0.8	11	19	12	14	8	AC10, AC10B
Y210-□01	1/8	15	42	32	28	19	AC20, AC20B, AC20C
Y210-□02	1/4						
Y310-□01	1/8	15	53	39	30	19	AC25, AC25B, AC25C, AC30, AC30B, AC30C
Y310-□02	1/4						
Y410-□02	1/4	19	62	44	36	24	AC40, AC40B, AC40C
Y410-□03	3/8						
Y510-□02	1/4	19	66	46	44	24	AC40-06, AC40B-06, AC40C-06
Y510-□03	3/8						
Y610-□03	3/8	22	81	57	53	30	AC50, AC55, AC60, AC50B, AC55B, AC60B
Y610-□04	1/2						

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.

* Refer to the attachment table on page 321 for standard port sizes when using with the AC.

Caution on Mounting

If a T-interface is used on the IN side of the lubricator, lubricant may be mixed. Use the AKM series check valve to avoid such possibility.