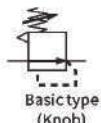


Symbol



Standard Specification Common specification

Model	Basic type (Knob)		
	IR10□0-A	IR20□0-A	IR30□0-A
Fluid	Air		
Proof pressure	1.5 MPa		
Max. operating pressure	1.0 MPa		
Min. supply pressure ^{Note 1)}	Set pressure + 0.05 MPa		Set pressure + 0.1 MPa
Set pressure range	IR1000-A : 0.005 ~ 0.2 MPa	IR2000-A : 0.005 ~ 0.2 MPa	IR3000-A : 0.01 ~ 0.2 MPa
	IR1010-A : 0.01 ~ 0.4 MPa	IR2010-A : 0.01 ~ 0.4 MPa	IR3010-A : 0.01 ~ 0.4 MPa
	IR1020-A : 0.01 ~ 0.8 MPa	IR2020-A : 0.01 ~ 0.8 MPa	IR3020-A : 0.01 ~ 0.8 MPa
Sensitivity	Within 0.2% of full span		
Repeatability ^{Note 2)}	Within ±0.5% of full span		
Air consumption ^{Note 3)}	1 L/min (ANR) or less		
Port size	1/8	1/4	1/4, 3/8, 1/2
Pressure gauge port	1/8 (2 locations)		
Ambient and fluid temperature ^{Note 4)}	-5 to 60°C (No freezing)		
Weight (kg) ^{Note 5)}	0.13	0.23	0.47

Note 1) When there is no flow rate on the outlet. (Refer to Operation ⑫ onpage 806.)

Note 2) Other characteristics such as aging deterioration and temperature characteristics are not included.

Note 3) Measuring conditions: supply pressure 1.0 MPa, set pressure 0.2 MPa

Note 4) -5 to 50°C for the products with the digital pressure switch

Note 5) Without accessories

Order symbol

IR **1** 0 0 0 - **01** **BG** - **A**

- Option/Semi-standard: Select one each for a to e.
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.

		Symbol	Description			① Body size		
			1	2	3	1	2	3
②	Set pressure range	0	0.005 ~ 0.2 MPa	—	—	●	●	—
		1	0.01 ~ 0.2 MPa	—	—	●	●	●
		2	0.01 ~ 0.4 MPa	●	●	●	●	●
		+	0.01 ~ 0.8 MPa	●	●	●	●	●
④	Pipe thread type	Nil	Rc	●	●	●	●	●
		N	NPT	●	●	●	●	●
		F	G	●	●	●	●	●
⑤	Port size	01	1/8	●	—	—	—	—
		02	1/4	—	●	●	●	●
		03	3/8	—	—	—	●	●
		04	1/2	—	—	—	●	●
		+						
⑥	Option ^{Note 1)}	a	Mounting	Nil	Without mounting option	●	●	●
		B	With bracket	G	Round type pressure gauge	●	●	●
		H	With hexagon panel nut (for panel mount)	EA	NPN open collector 1 output	●	●	●
⑦	Semi-standard	b	Pressure gauge	G	Round type pressure gauge	●	●	●
				EA	NPN open collector 1 output	●	●	●
		c	With digital pressure switch	EB	PNP open collector 1 output	●	●	●
				EC	NPN open collector 2 outputs + Analog voltage output	●	●	●
				ED	NPN open collector 2 outputs + Analog current output	●	●	●
⑦	Semi-standard	d	Knob	Nil	Flow direction: Left to right	●	●	●
				R	Flow direction: Right to left	●	●	●