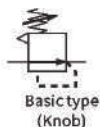


## Symbol



## 标准规格 Commons 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 <sup>Note 1)</sup>	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 <sup>Note 2)</sup>	Within ±0.5% of full span		
Air consumption <sup>Note 3)</sup>	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 <sup>Note 4)</sup>	-5 to 60°C (No freezing)		
Weight (kg) <sup>Note 5)</sup>	0.13	0.23	0.47

Note 1) When there is no flow rate on the outlet. (Refer to Operation (3) on page 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

## Ordersymbol

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

① ② ③ ④ ⑤ ⑥ ⑦

- 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	
②	Set pressure range	0	0.005 ~ 0.2 MPa	●	●	—	
			0.01 ~ 0.2 MPa	—	—	●	
		1	0.01 ~ 0.4 MPa	●	●	●	
		2	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	a	Mounting	Nil	Without mounting option	●	●	●
			B 註 2)	With bracket	●	●	●
			H	With hexagon panel nut (for panel mount)	●	●	●
	+						
	b	Pressure gauge	Nil	Without mounting option	●	●	●
			G	Round type pressure gauge	●	●	●
	c	With digital pressure switch	EA	NPN open collector 1 output	●	●	●
			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	d	Knob	Nil	Flow direction: Left to right	●	●	●
			R	Flow direction: Right to left	●	●	●