

Precision Regulator

IR1000-A/2000-A/3000-A Series

How to Order

IR **1** **0** **0** **0** - **01** **BG** - **0** - 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	
② Set pressure range	0	0.005 to 0.2 MPa	●	●	—	
	1	0.01 to 0.2 MPa	—	—	●	
	2	0.01 to 0.4 MPa	●	●	●	
	2	0.01 to 0.8 MPa	●	●	●	
③ Exhaust direction	0	Bottom exhaust	●	●	●	
	1	Front exhaust	—	—	●	
	2	Rear exhaust	—	—	●	
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 Note 2)	With bracket	●	●	●
		H	With hexagon panel nut (for panel mount)	●	●	●
b Pressure gauge	Nil	Without pressure gauge	●	●	●	
	G	Round type pressure gauge	●	●	●	
⑦ Semi-standard	c Flow direction	Nil	Flow direction: Left to right	●	●	●
		R	Flow direction: Right to left	●	●	●
d Knob	Nil	Upward	●	●	●	
	V	Downward	●	●	●	
e Pressure unit Note 3)	Nil	Name plate and pressure gauge in imperial units: MPa	●	●	●	
	Z	Name plate and pressure gauge in imperial units: psi	●	●	●	

Note 1) Options are shipped together with the product, but not assembled. B and H cannot be selected at the same time. The current bracket cannot be used for this product.

Note 2) Assembly of a bracket and set nuts.

Note 3) See pressure unit table below.

	Pipe thread type	Name plate in imperial units	Pressure gauge in imperial units
			G
Nil	Rc	MPa	MPa
	NPT		
	G		
Z Note 4)	Rc	—	—
	NPT	psi	MPa/psi dual scale
	G	—	—

Note 4) For pipe thread type: NPT

Digital pressure switch option (EA/EB/EC/ED) cannot be selected.

SMC validation products have been validated based on ISO 13849-2: 2012 Annex A & B.