

# Regulator

## IR1200-A/2200-A/3200-A Series

### How to Order

IR **1** **2** **0** **0** - **0** **1** **BG** - **0** - **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	0.02 to 0.2 MPa	●	●	●
	1	0.02 to 0.4 MPa	●	●	●
	2	0.02 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 <sup>Note 2)</sup>	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 <sup>Note 3)</sup>	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 <sup>Note 4)</sup>	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.