

Regulator

AR10-A to AR40-A

How to order



AR **30** - **03** **BG** - **03** - A

① ② ③ ④ ⑤

- Option/Semi-standard: Select one each for a to g.
- Option/Semi-standard symbol: When more than one specification is required, indicate in alphanumeric order.
Example) AR30-03BG-1N-A

		Symbol	Description	①					
				Body size					
				10	20	25	30	40	
②	Pipe thread type	Nil	Metric thread (M5)	●	—	—	—	—	
			Rc	—	●	●	●	●	
			NPT	—	●	●	●	●	
			G	—	●	●	●	●	
+									
③	Port size	M5	M5	●	—	—	—	—	
		01	1/8	—	●	—	—	—	
		02	1/4	—	●	●	●	●	
		03	3/8	—	—	●	●	●	
		04	1/2	—	—	—	—	●	
		06	3/4	—	—	—	—	●	
+									
④	a	Mounting	Nil	Without mounting option	●	●	●	●	●
			B ^{Note 2)}	With bracket	●	●	●	●	●
			H	With set nut (for panel mount) ^{Note 3)}	●	●	●	●	●
	+								
	b	Pressure gauge ^{Note 4)}	Nil	Without pressure gauge	●	●	●	●	●
			G	Round type pressure gauge (without limit indicator)	●	—	—	—	—
Round type pressure gauge (with limit indicator)				—	●	●	●	●	
M	Round type pressure gauge (with color zone)	—	●	●	●	●			
+									
⑤	c	Set pressure ^{Note 5)}	Nil	0.05 to 0.7 MPa setting	●	●	●	●	●
			1	0.02 to 0.2 MPa setting	●	●	●	●	●
	+								
	d	Exhaust mechanism	Nil	Relieving type	●	●	●	●	●
			N	Non-relieving type	●	●	●	●	●
	+								
e	Flow direction	Nil	Flow direction: Left to right	●	●	●	●	●	
		R	Flow direction: Right to left	●	●	●	●	●	
+									
f	Knob	Nil	Downward	●	●	●	●	●	
		Y	Upward	●	●	●	●	●	
+									
g	Pressure unit	Nil	Name plate and pressure gauge in imperial units: MPa	●	●	●	●	●	
		Z ^{Note 6)}	Name plate and pressure gauge in imperial units: psi	○ ^{Note 7)}	○ ^{Note 7)}	○ ^{Note 7)}	○ ^{Note 7)}	○ ^{Note 7)}	

Note 1) Option B, G, H, M are not assembled and supplied loose at the time of shipment.

Note 2) Assembly of a bracket and set nuts

Note 3) Mounting pitch is different from that of the current AR20 to AR40 and AR20-B to AR40-B.

Note 4) When the pressure gauge is attached, a 1.0 MPa pressure gauge will be fitted for standard (0.7 MPa) type. 0.4 MPa pressure gauge for 0.2 MPa type (1.0 MPa pressure gauge only for the AR10-A).

Note 5) Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.

Note 6) For pipe thread type: NPT

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

Cannot be used with M: Round pressure gauge (with color zone). Available by request for special.

Note 7) ○: For pipe thread type: M5, NPT only

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