

Regulator

AR20-B to AR60-B

Regulator with Backflow Function

AR20K-B to AR60K-B



How to Order

AR **30** **K** - **F** **03** **BG** - - **B** -

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- 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) AR30K-03BE-1NR-B

	Symbol	Description	①						
			Body size						
			20	25	30	40	50	60	
②	With backflow function	Nil	Without backflow function						
		K*1	With backflow function						
③	Thread type	+							
		Nil	Rc						
		N	NPT						
④	Port size	F	G						
		+							
		01	1/8						
		02	1/4						
		03	3/8						
⑤	a	04	1/2						
		06	3/4						
Option*2	Mounting	10	1						
		+							
		Nil	Without mounting option						
	b	Pressure gauge*4	B*3	With bracket					
			H	With set nut (for panel mount)					
+									
Nil			Without pressure gauge						
Semi-standard	c	E	Square embedded type pressure gauge (with limit indicator)						
		G	Round type pressure gauge (with limit indicator)						
	d	Exhaust mechanism	M	Round type pressure gauge (with color zone)					
			+						
			Nil	0.05 to 0.85 MPa setting					
e	Flow direction	1	0.02 to 0.2 MPa setting						
		+							
f	Knob	N	Relieving type						
		N	Non-relieving type						
g	Pressure unit	+							
		Nil	Flow direction: Left to right						
		R	Flow direction: Right to left						
⑦	Special order	+							
		Nil	Downward						
		Y	Upward						
		+							
		Nil	Name plate and pressure gauge in imperial units: MPa						
		Z*6	Name plate and pressure gauge in imperial units: psi						
		+							
		Nil	Rubber material: Nitrile rubber specification						
		X155	Rubber material: Fluorine rubber specification						

*1 Set the inlet pressure to at least 0.05 MPa higher than the set pressure.
 *2 Options B, G, H, M are not assembled and supplied loose at the time of shipment.
 *3 Assembly of a bracket and set nuts (applicable to the AR20(K)-B to AR40(K)-B). Including 2 mounting screws for the AR50(K)-B and AR60(K)-B
 *4 When the pressure gauge is attached, a 1.0 MPa pressure gauge will be fitted for standard (0.85 MPa) type. 0.4 MPa pressure gauge for 0.2 MPa type.
 *5 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.

*6 For pipe thread type: NPT.
 This product is for overseas use only according to the new Measurement Act. (The SI unit type is provided for use in Japan.)
 Cannot be used with M: Round type pressure gauge (with color zone). Available by request for special.
 The digital pressure switch will be equipped with the unit selection function, setting to psi initially.
 *7 ○: For pipe thread type: NPT only

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

