

IR1000/2000/3000 Series

How to Order

IR **2** **0** **0** **0** — **02** — — — —

Precision regulator •

Body size •

1	IR1000 series
2	IR2000 series
3	IR3000 series

Thread type •

Nil	Rc
N ^{Note 2)}	NPT*
F	G*

* Semi-standard

Type of setting •

0	Basic type (Knob)
1 ^{Note 1)}	Air operated type

Set pressure range •
For IR1000/2000 series

0	0.005 to 0.2 MPa
1	0.01 to 0.4 MPa
2	0.01 to 0.8 MPa

For IR3000 series

0	0.01 to 0.2 MPa
1	0.01 to 0.4 MPa
2	0.01 to 0.8 MPa

Port size •

Symbol	Size	Application		
		IR1000	IR2000	IR3000
01	1/8	●		
02	1/4		●	●
03	3/8			●
04	1/2			●

Suffix 1 •

Nil	—
T ^{Note 4)}	For high temp. environments (-5 to 100°C)
L ^{Note 5)} , 6)	For low temp. environments (-30 to 60°C)

Suffix 2 •

Nil	—
R ^{Note 7)}	Bracket, Name plate, Mounting on the opposite side

Accessory •

Nil	None
B	With bracket
G ^{Note 3)}	With pressure gauge

Note 1) Air operated type is IR2120 and IR3120 only.

Note 2) For 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.)

Note 3) For the model with pressure gauge (G), the pressure gauge is shipped together, but not assembled.

Note 4) Max. 80°C for the high temperature environment specification T with pressure gauge (G)

Note 5) For the low temperature environment specification L, combinations with the pressure gauge (G) are not available.

Note 6) The low temperature environment specification L is not available for the IR1000 series.

Note 7) The standard mounting position of the name plate is on the front when viewing the precision regulator with the SUP side to the left and OUT side to the right. The bracket is attached to the back.

Note 8) Refer to pages 819 to 821 for details on the Made-to-Order specifications and whether the combination of multiple specifications is possible. In addition, the product for the following specifications is also available:

- Prefix (10-): Clean series
- Prefix (25A-): Secondary battery compatible
- Prefix (80-): Ozone resistant (Fluororubber specification)
- IRM□□: Manifold specifications (For IR1000 and IR2000 series only. Except air operated type and IR3000 series)

Made to Order ^{Note 8)}

Symbol	Specifications
X1	Non-grease specifications
X170	Compatible with modular connection brackets (With modular adapter)
X465□	With digital pressure switch (ISE30A)

Accessory (Option)/Part No.

Description	Part no.								
	IR1000	IR1010	IR1020	IR2000	IR2010	IR2020/2120	IR3000	IR3010	IR3020/3120
Bracket	P36201023			P36202028			P362030-20 ¹¹		
Pressure gauge ^{2/3/4}	G33-2-01	G33-4-01	G33-10-01	G43-2-01	G43-4-01	G43-10-01	G43-2-01	G43-4-01	G43-10-01

*1 A bracket and two mounting screws (M5 x 35)

To mount the bracket, remove two body screws (M5 x 30) on the name plate on the opposite side and replace the attached two bracket mounting screws (M5 x 35).

*2 Accuracy ±3% (Full span). Accuracy guarantee temperature range: 23±5°C

*3 When ordering this pressure gauge individually, the sealant is not applied to the connection male thread. So, apply the sealing tape or sealant to the screw thread before use.

*4 For handling of the pressure gauge and the detailed specifications, refer to "Pressure Gauges" in Best Pneumatics No. 7.