

PIR Series Precision Regulator



PIR2010-02

Port Size G1/8", G1/4", G3/8"

Standard Type, Auto Drain Type and Metal Cup as Optional.

Designed to be compact and light weight with high output flow and precise setting pressure, Can be mounted easily with bracket or assemble with XA series F.R.L.

Graphic Symbol



Ordering Code

PIR

Series
PIR series

20

Valve Body Size
10
20
30

00

Pressure Range
00(0.005~0.2Mpa)
10(0.05~0.4Mpa)
20(0.01~0.8Mpa)

02

Port Size
01:G1/8"
02:G1/4"
03:G3/8"
04:G1/2"

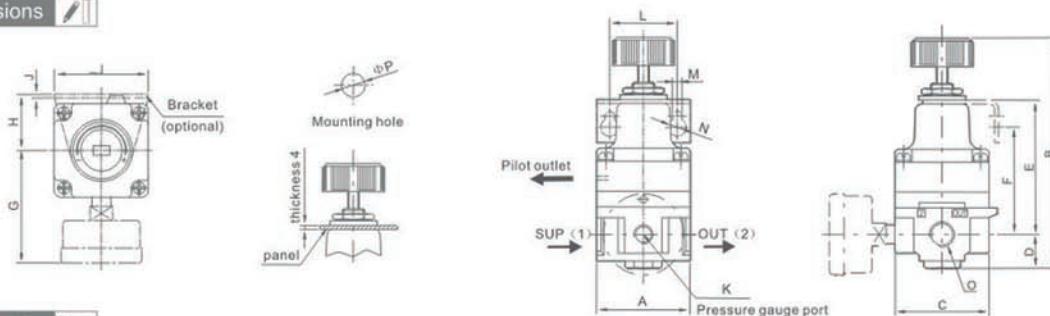
Order Example

- 1)PIR Series, Valve Body: 20, Port Size: G1/4, Pressure Range: 10, Model: PIR-2010-02
1)PIR Series, Valve Body: 30, Port Size: G1/2, Pressure Range: 20, Model: PIR-3010-04

Specification

Specification	PIR1000-01	PIR1010-01	PIR1020-01	PIR2000-02	PIR2010-02	PIR2020-02	PIR3000-03/04	PIR3010-03/04	PIR3020-03/04
Pressure Range	0.005-0.2	0.01-0.4	0.01-0.8	0.005-0.2	0.01-0.2	0.01-0.8	0.01-0.2	0.01-0.4	0.01-0.8
Port Size	G1/8			G1/4			G3/8, G1/2		
Air consumption	Max 3.5L/min			Max 3.1L/min			Max 9.5L/min Outlet: Max 2L/min		
Minimum pressure	Setting pressure+0.05			Setting pressure+0.05			Setting pressure+0.05		
Maximum pressure	1.0MPa								
Sensitivity	Within 0.2% of full span								
Repeatability	Within ± 0.5% of full span								
Ambient and Fluid Temperature	-5~+60 (with no freezing)								
Pressure Gauge Port	G1/8								

Overall Dimensions



Dimension Sheet

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
PIR1000-01	35	90	35	10	51	44	43	25	42	2	G1/8	28	4.5	φ 8.5	G1/8	φ 10.5
PIR1010-01	35	90	35	10	51	44	43	25	42	2	G1/8	28	4.5	φ 8.5	G1/8	φ 10.5
PIR1020-01	35	90	35	10	51	44	43	25	42	2	G1/8	28	4.5	φ 8.5	G1/8	φ 10.5
PIR2000-02	50	123	50	18	71	63	60	30	50	2	G1/8	36	5.5	φ 9.5	G1/8	φ 12.5
PIR2010-02	50	123	50	18	71	63	60	30	50	2	G1/8	36	5.5	φ 9.5	G1/8	φ 12.5
PIR2020-02	50	123	50	18	71	63	60	30	50	2	G1/8	36	5.5	φ 9.5	G1/8	φ 12.5
PIR3000-03	66	148	66	22	76	76	68	48	82	2.3	G1/8	60	9	φ 15.5	G3/8	φ 12.5
PIR3010-03	66	148	66	22	76	76	68	48	82	2.3	G1/8	60	9	φ 15.5	G1/2	φ 12.5
PIR3020-03	66	148	66	22	76	76	68	48	82	2.3	G1/8	60	9	φ 15.5		φ 12.5