

Features

1. Stability and consistence of pressure output.
2. High accuracy of pressure output.
3. Sensitive pressure control.

Application

- Electronic proportional pressure regulator is widely used in different equipment as following examples:
1. Gripping force control for robot arm.
 2. Tension control for paper or tape rolling mchine.
 3. Pressure and force control for pneumatic press.
 4. Air brake pressure control.
 5. Welding gun presurized control.
 6. Pressure control for coating process.



How to order

iRP2	9	—	02	2	1	B
Proportional Regulator	Pressure Setting Range	Thread	Input Signal	Output Signal	Mounting bracket	
	1 : 0.005~0.1 Mpa	01 : 1/8"	1 : Voltage DC0~5V	Blank : No output signal	Blank : W/O bracket	
	5 : 0.005~0.5 Mpa	02 : 1/4"	2 : Voltage DC0~10V	1 : Analog signal (DC1~5V) or (0~10V)	B : M type	
	9 : 0.005~0.9 Mpa	03 : 3/8"			L : L type	

Specifications

Model	iRP2-01	iRP2-02	iRP2-03
Port size	1/8"	1/4"	3/8"
Body material	Aluminum alloy		
Fluid	Compressed air		
Min. air supply	Setting pressure +0.1MPa		
Max. air supply	1.0MPa		
Minimum output	0.001MPa		
Input voltage	10 ~ 32VDC		
Linearity	±1.0% F.S.		
Repeatability	±0.5% F.S.		
Hysteresis	0.5% F.S.		
Sensitivity	Below 0.2% F.S.		
Ambient temperature	0 ~ 50℃		
Protection class	IP65		
Insulation class	F		
Weight	320g		

Dimensions

