bel
NEUMÁTICA

| DE **MISIONES** PARA TODA LA ARGENTINA.

{CATÁLOGO}

REG. DE PRESION PROPORCIONAL

Regulador de presion proporcional

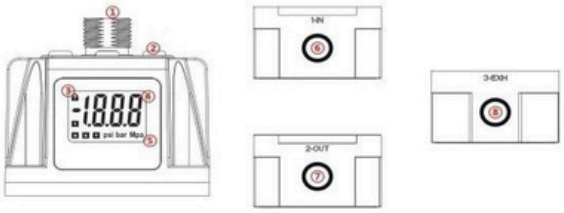


- 0.5% control accuracy
- 300L~ 5000L large flow output
- Real-time display of actual output pressure
- 0~1 bar/5bar/9bar multi-range selection
- IP65 level,suitable for various working conditions

Regulador de presion proporcional



PANEL



No	Name	No	Name
①	M12 aviation plug	⑤	Unit display
②	Water-proof key	⑥	Air supply port
③	Locking key	⑦	Air out port
④	Main display sectiohn	⑧	Air EXH port

SPECIFICATION

Model		EPV1-1	EPV1-5	EPV1-5
		EPV2-1	EPV2-5	EPV2-5
		EPV3-1	EPV3-5	EPV3-5
Min.supply Pressure		set pressure + 0.1MPa		
Max.supply Pressure		0.2MPa		1.0MPa
Set Pressure Range		0.005~0.1MPa	0.005~0.5MPa	0.005~0.9MPa
Power Supply	Voltage	DC : 24V±10%		
	Current	DC : 24V 0.12A or less		
Input Signal	Current Type	DC4~20mA, DC0~20mA		
	Voltage Type	DC0~5V, DC0~10V		
	Digital Signal	RS485-MODBUS		
Input Impedance	Current Type	250Ω or less		
	Voltage Type	Approx 6.5KΩ		
Output Signal	Analog Output	DC1-5V (load impedance : over 1KΩ) DC4-20mA (Load impedance : below 250Ω) Output precision within range of 1% F.S.		
	Switch Output	NPN-OC output type:30mA PNP-OC output type:30mA		
Nonlinear		0.5%F.S		
Hysteresis		0.5%F.S		
Repeatability		0.5%F.S		
Temperature Characteristic		2%F.S		
Display	Precision	2%F.S		
	Division	1000 division		
Ambient Temperature		0~50℃		
Protection Class		IP65		

Regulador de presion proporcional

ORDERING CODE

EPV2 – 5 0 3 1 – □ 2 L – □

1 2 3 4 5 6 7 8 9

1. Model
EPV1
EPV2
EPV3

2. Range
1: 0.1MPa
3: 0.5MPa
5: 0.9MPa

3. Voltage
0: DC 24V

4. Input
0: Current DC 4-20mA
1: Current DC 0-20mA
2: Voltage DC 0-5V
3: Voltage DC 0-10V

5. Output
1: Analog DC 1-5V
2: Switch NPN output
3: Switch PNP output
4: Analog: DC4-20mA

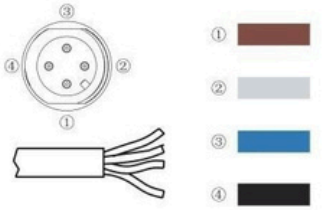
6. Connection thread
BLANK : RC
N : NPT
T : NPTF
F : G

7. Size
1: 1/8(1 type)
2: 1/4(1,2,3 type)
3: 3/8(2,3 type)
4: 1/2 (3 type)

8. Cable connector
S: Straight 3m
L: Right angle 3m
N: no cable

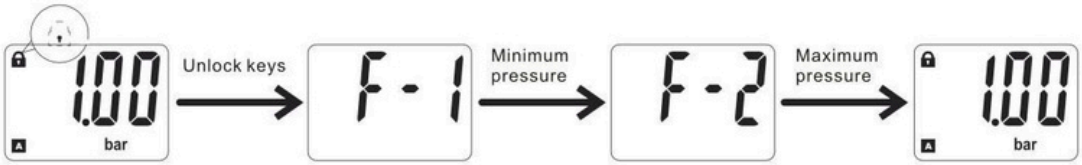
9. Bracket
Blank: no bracket
B: flat bracket
C: L type bracket

WIRING METHOD

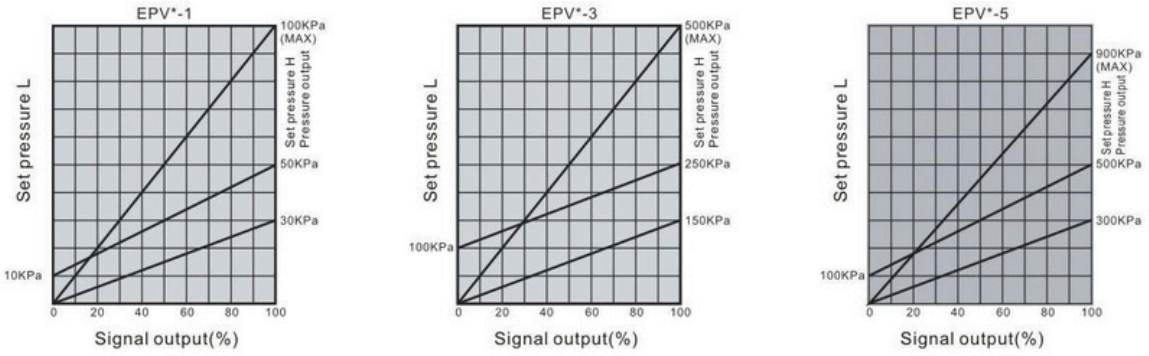


① Brown: VCC +(power supply)
② White：input signal
③ Blue： 0V
④ Black：Output signal

SETTING METHOD



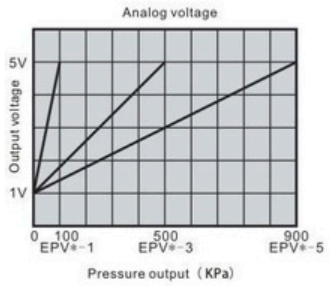
PRESSURE OUTPUT SIGNAL INPUT

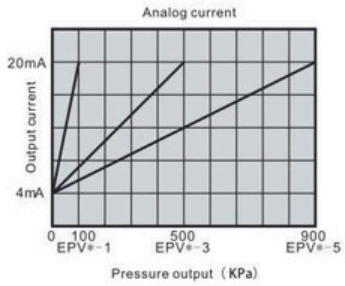


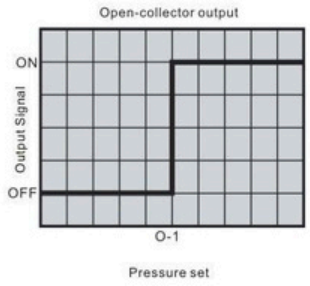
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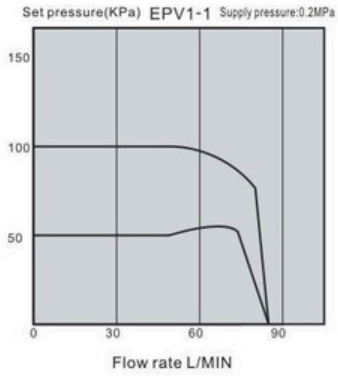
PRESSURE OUTPUT SIGNAL OUTPUT

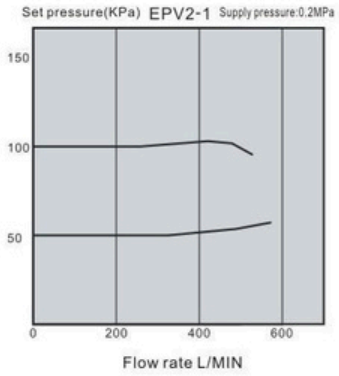


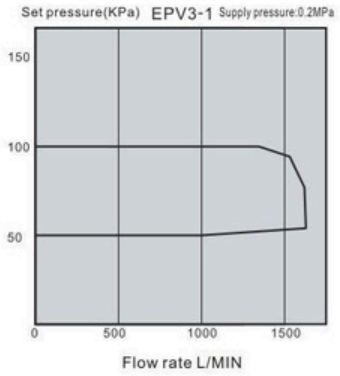


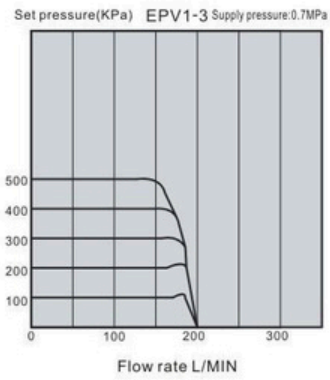


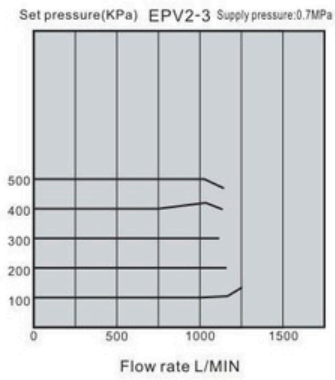
FLOW CHARACTERISTICS

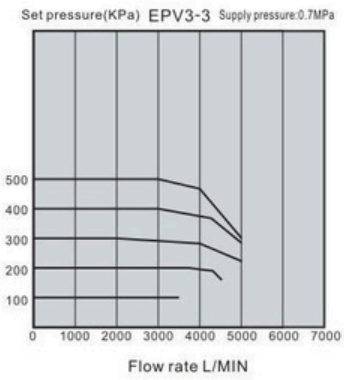


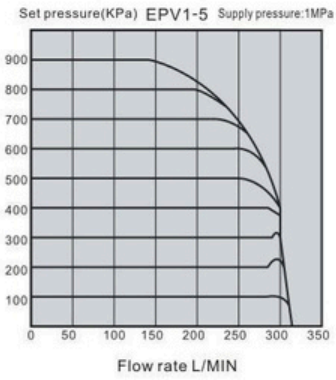


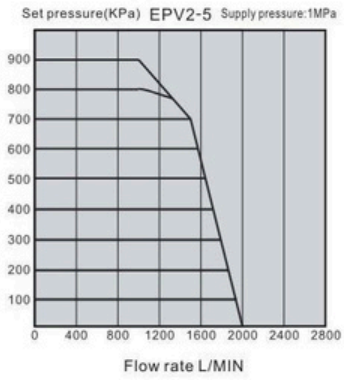


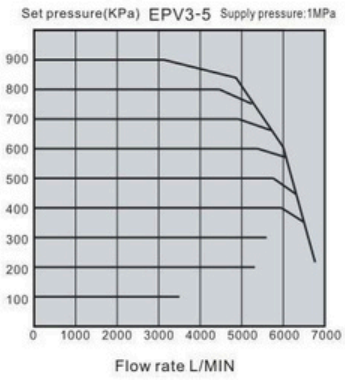








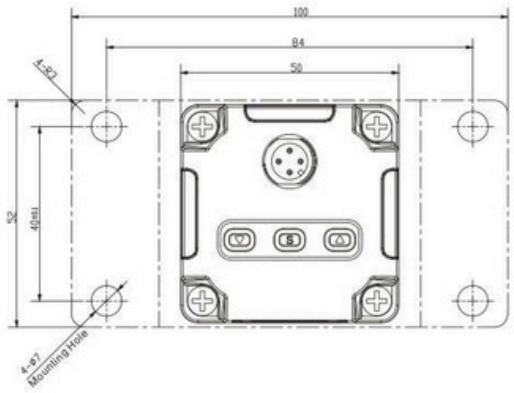


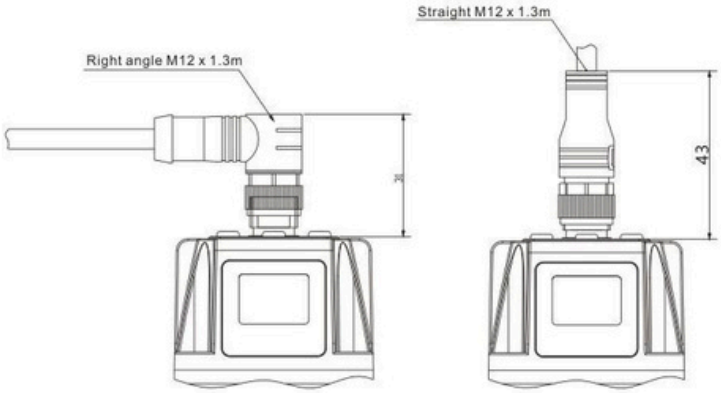


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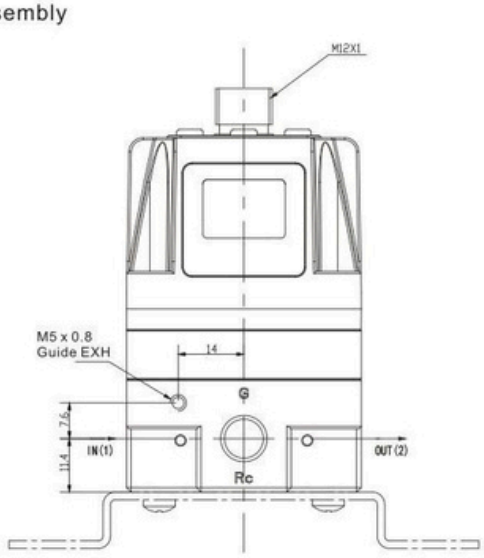
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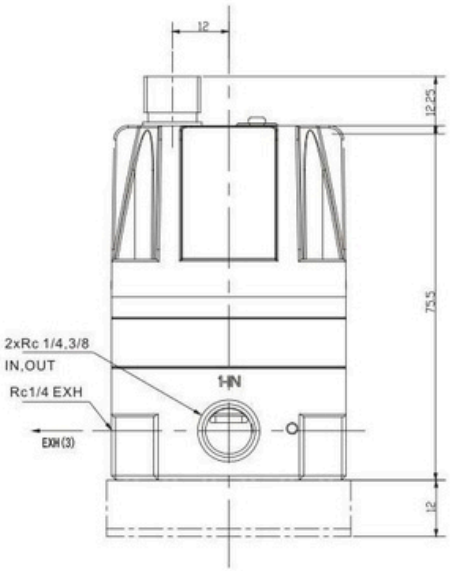
EPV1 DIMENSION (mm)



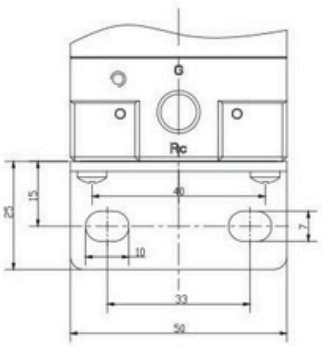


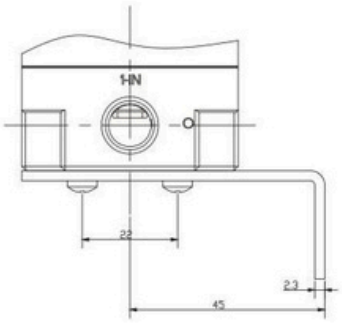
Flat Bracket assembly





L Bracket assembly

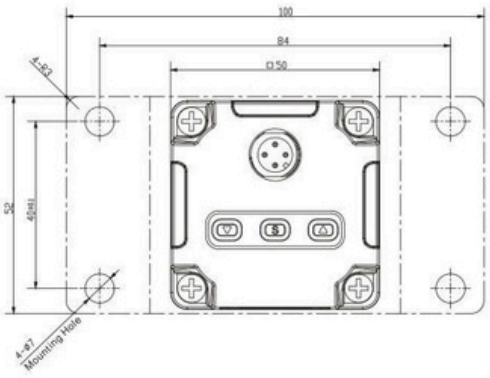


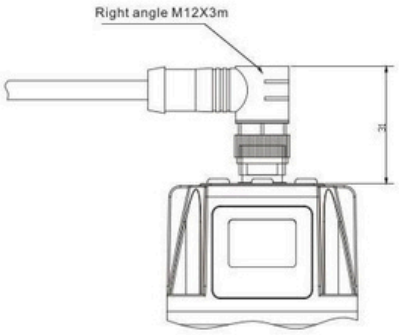


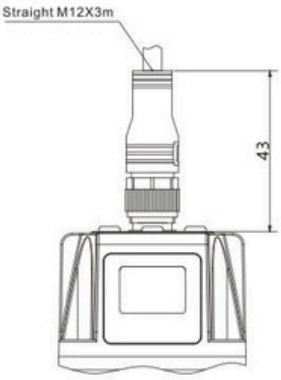
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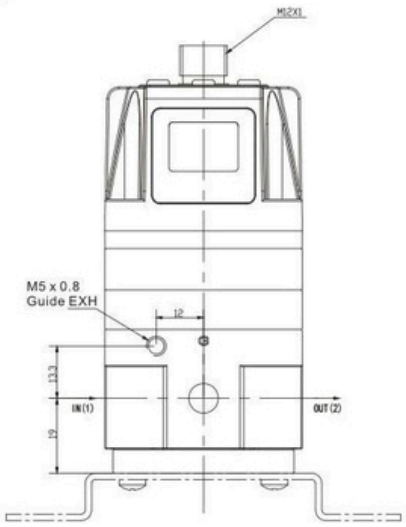
EPV2 DIMENSION (mm)

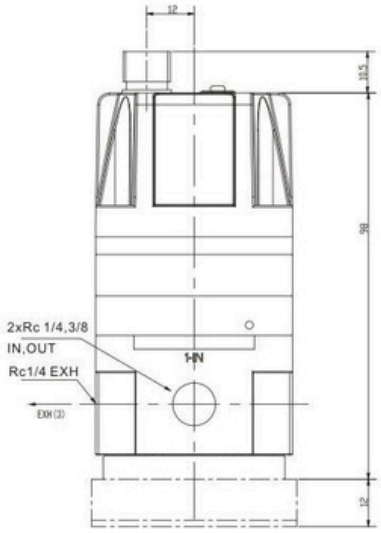




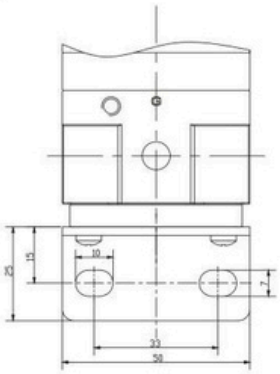


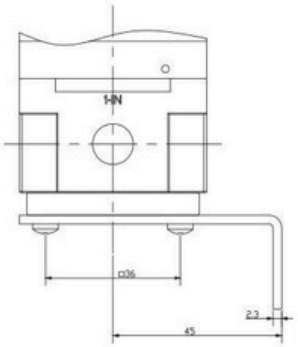
Flat Bracket assembly





L Bracket assembly

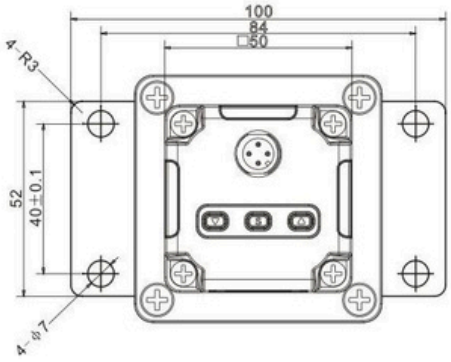


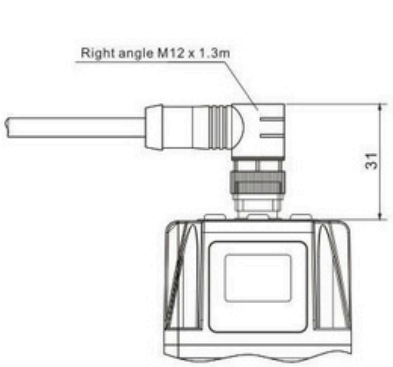


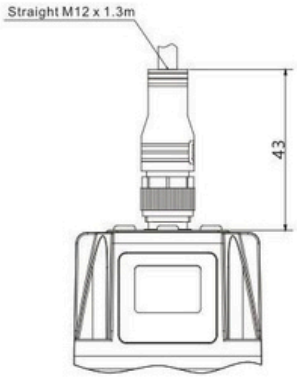
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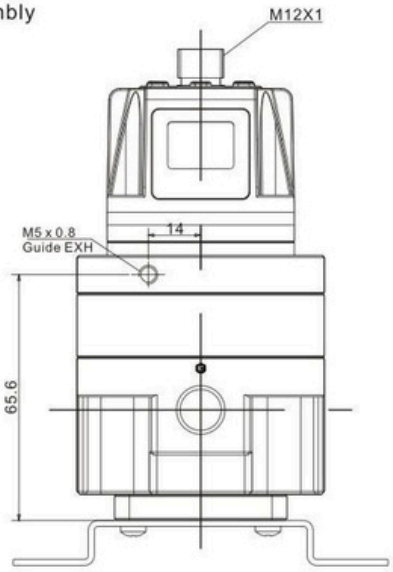
EPV3 DIMENSION (mm)

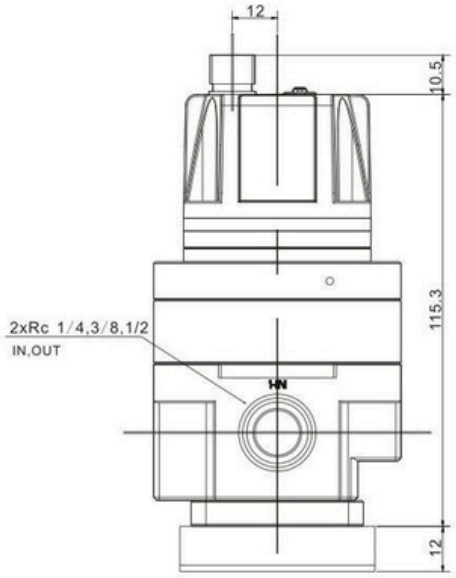




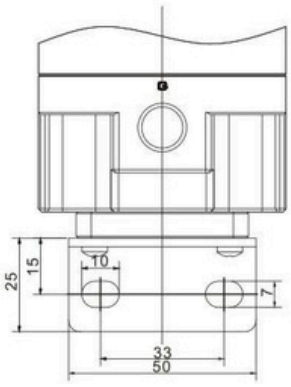


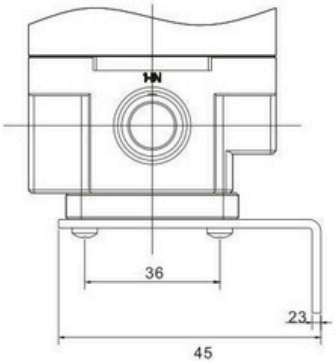
Flat Bracket assembly





L Bracket assembly





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