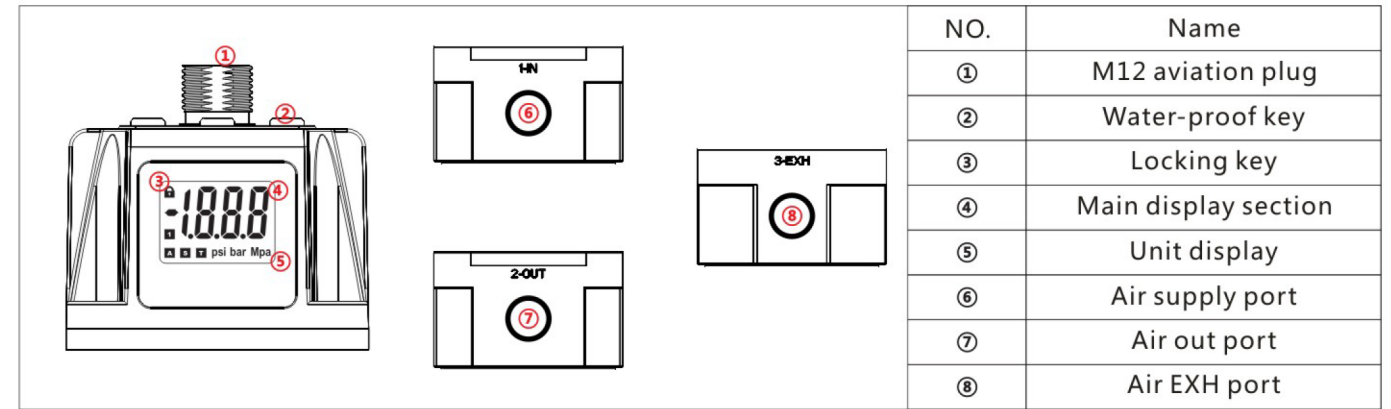


PROPORTIONAL AIR REGULATOR



Panel



Ordering code

VEP	2	—	5	0	3	1		2	S	
Model 1 1 Type 2 2 Type 3 3 Type										
Range 1 0.1MPa 3 0.5MPa 5 0.9MPa										
Power supply 0 DC24V										
Bracket No bracket B Flat bracket C L type bracket										
Cable connector S Straight 3m L Right angle 3m N No cable										
Connection thread and size Blank Rc 1 1/8(1 Type) N NPT 2 1/4(1,2,3 Type) T NPTF 3 3/8(2,3 Type) F G 4 1/2(3 Type)										
Input 0 Current : DC4-20mA 1 Current : DC0-20mA 2 Voltage : DC0-5V 3 Voltage : DC0-10V										
Output 1 Analog : DC1-5V 2 Switch : NPN Output 3 Switch : PNP Output 4 Analog : DC4-20mA										
Digital Communication RS485 Communication										

Note: customizable protocol

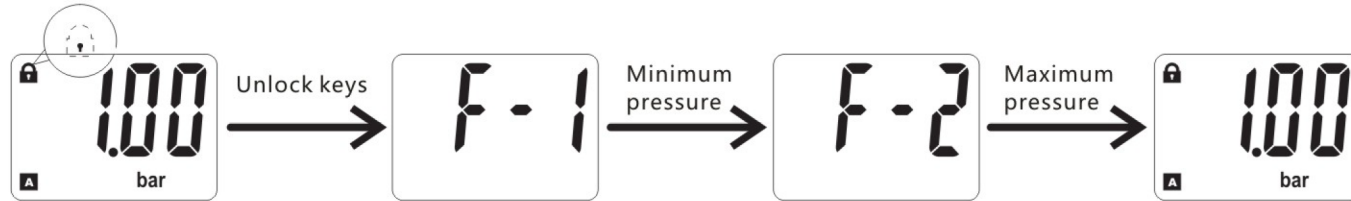
Specification

Model		VEP-1	VEP1-3	VEP1-5
		VEP2-1	VEP2-3	VEP 2-5
		VEP3-1	VEP3-3	VEP 3-5
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 MAX		
Input signal	Current type	DC4~20mA, DC0~20mA		
	Voltage type	DC0~5V, DC0~10V		
Input Impedance	Preset type	4 point		
	Current type	Below 250Ω		
Output Signal	Voltage type	Approx 6.5KΩ		
	Preset type	Preset input type 24VDC approx 4.7K Ω		
Linear	Analog output	DC 1~5V (load impedance: over 1 KΩ)		
	Switch output	DC 4~20mA (load impedance: below 250Ω)		
Hysteresis		Output precision within range the range of 6%F.S.		
Repeatability		NPN-OC output type : 30mA		
Temperature Characteristic		PNP-OC output type : 30mA		
Display	Precision	1%F.S		
	Division	0.5%F.S		
Ambient temperature		0.5%F.S		
Protection class		2%F.S		

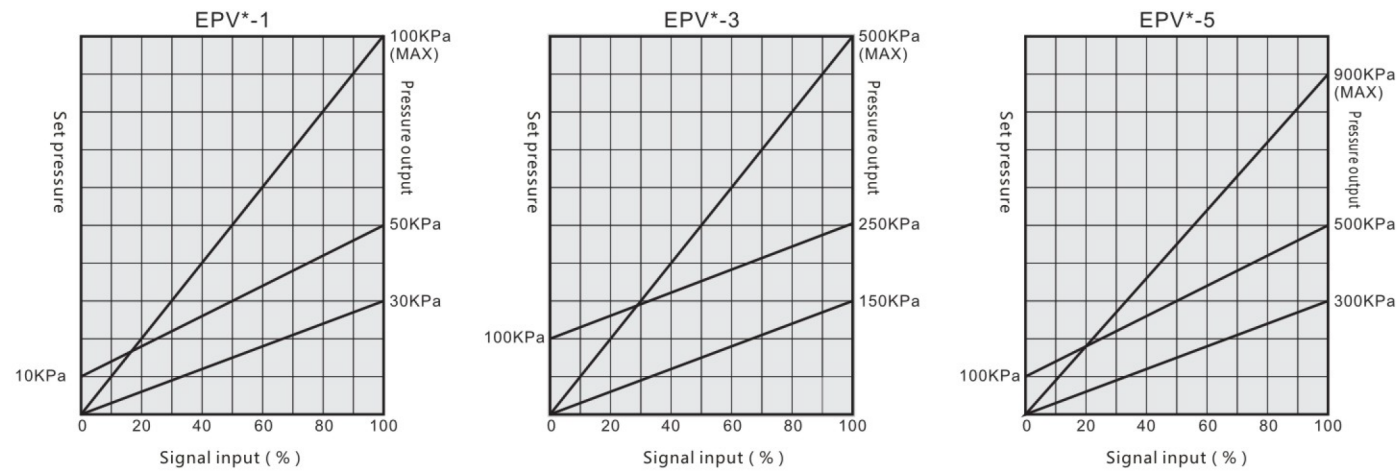
Wiring method



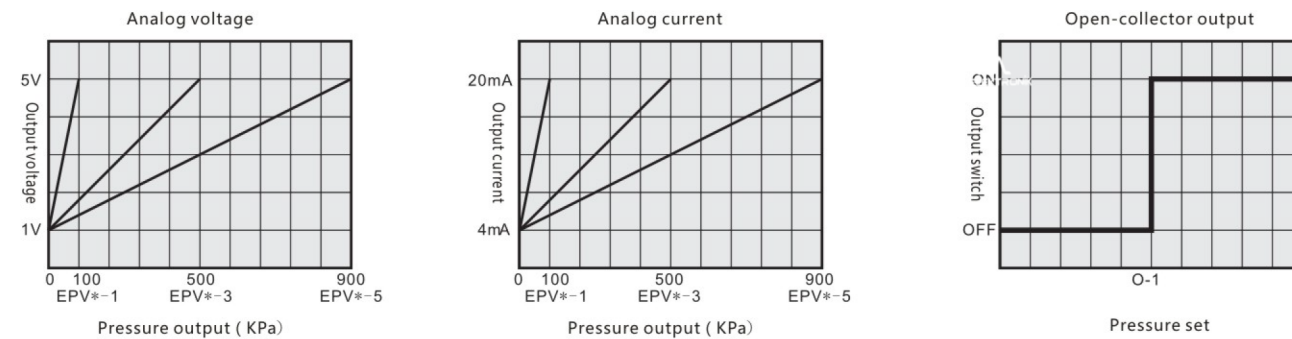
Setting method



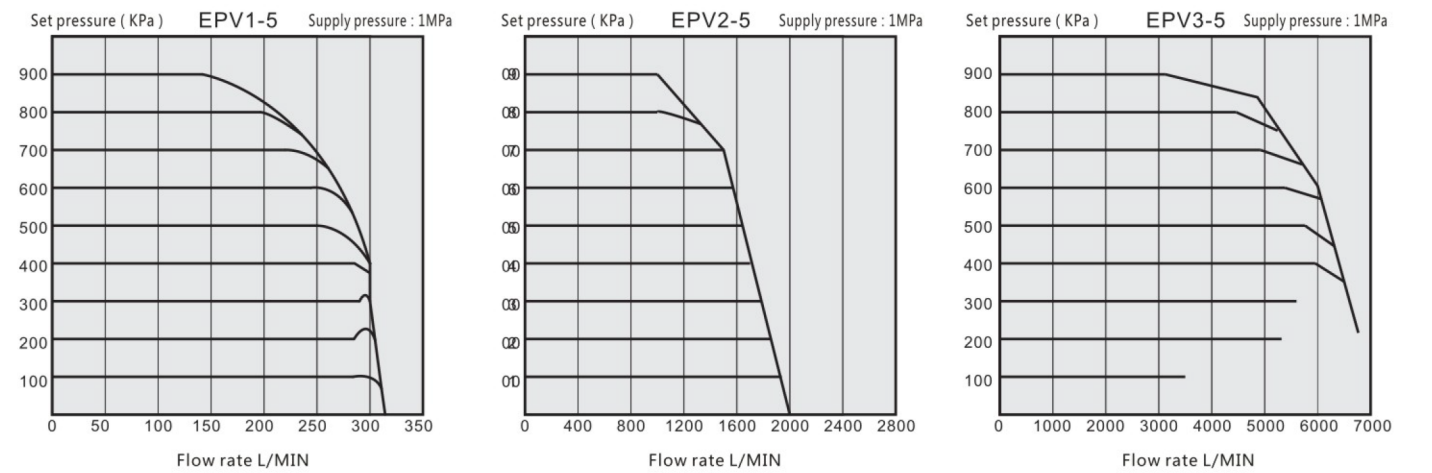
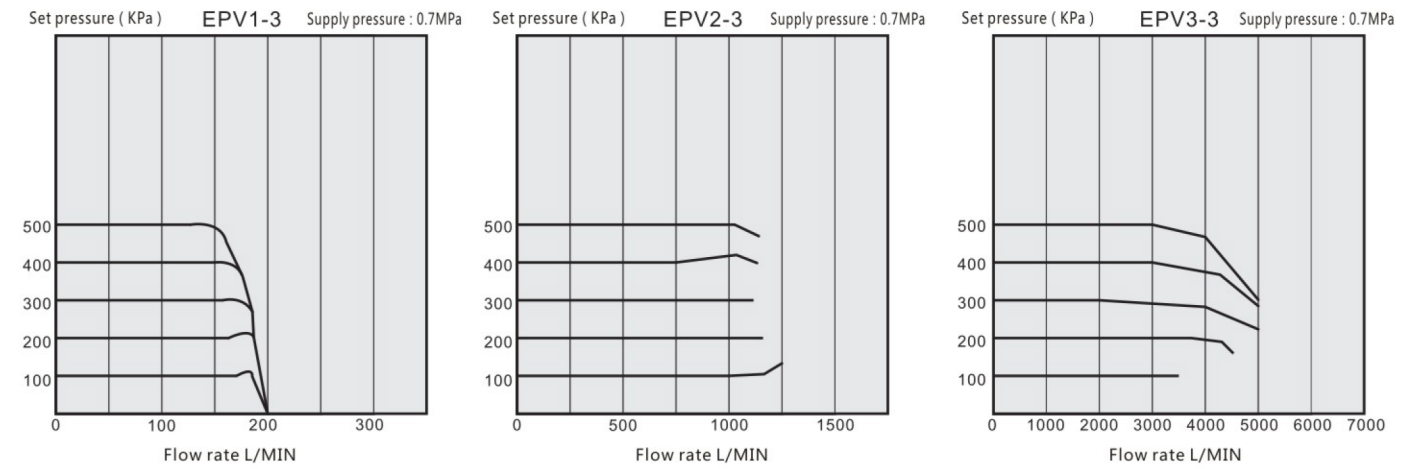
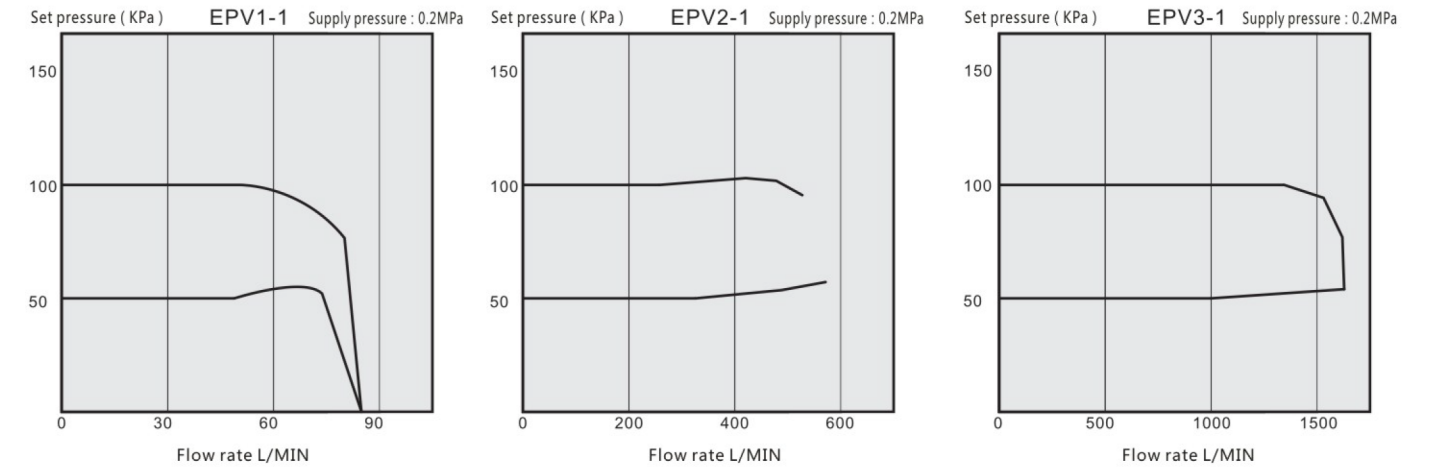
Pressure output Signal input



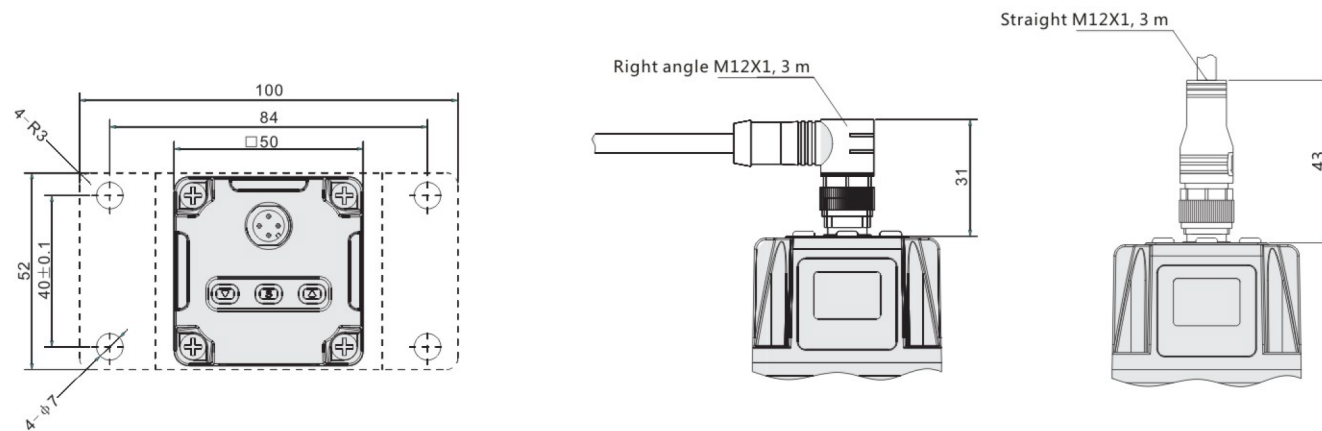
Pressure output Signal output



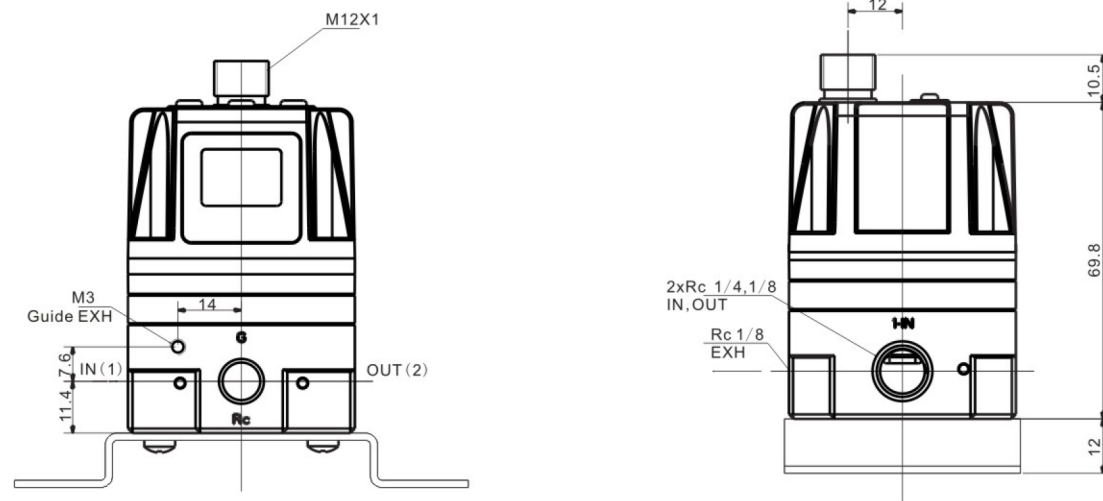
Flow rate characteristics



EPV 1 series dimensions (mm)



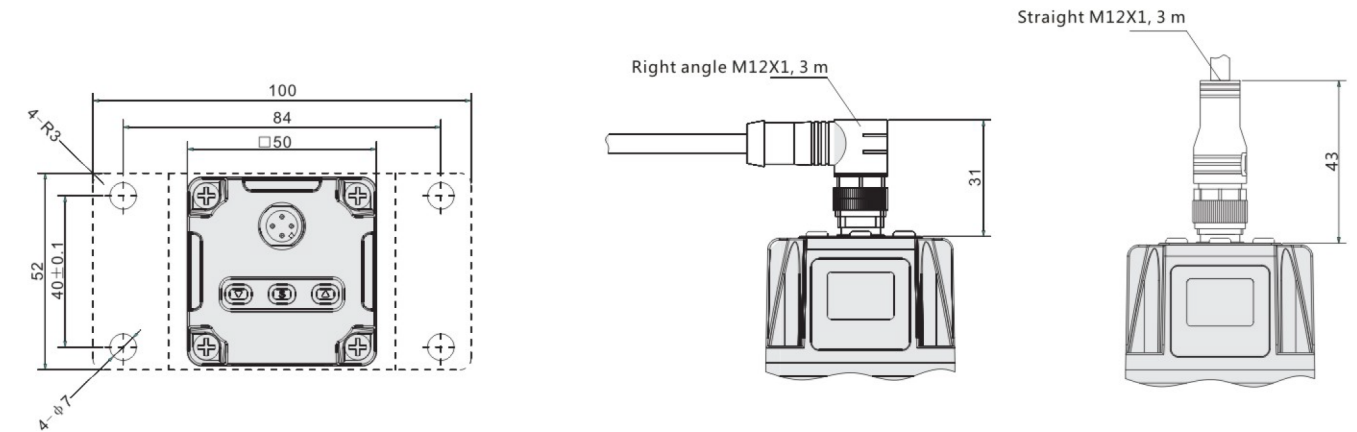
Flat bracket assembly



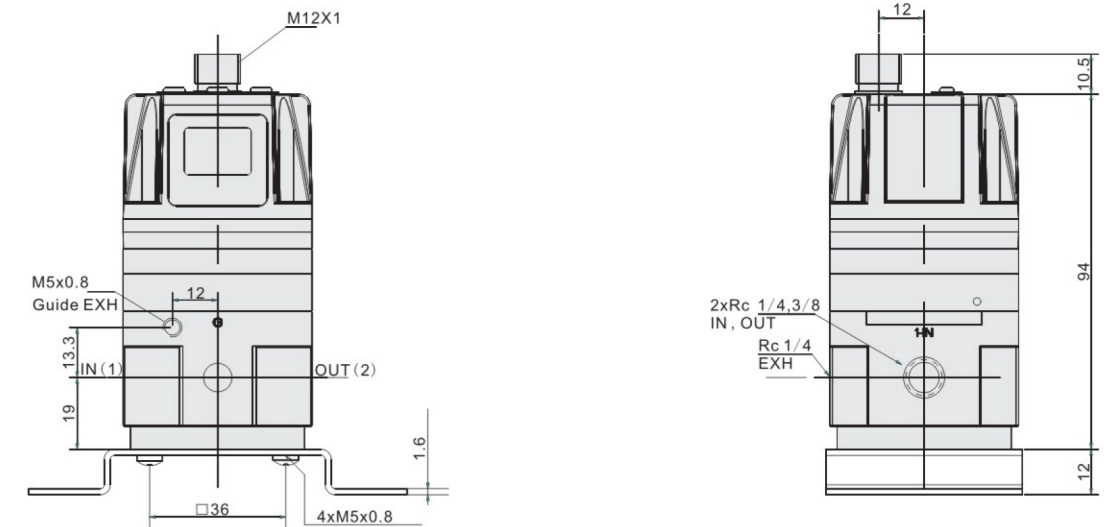
L bracket assembly



EPV 2 series dimensions (mm)



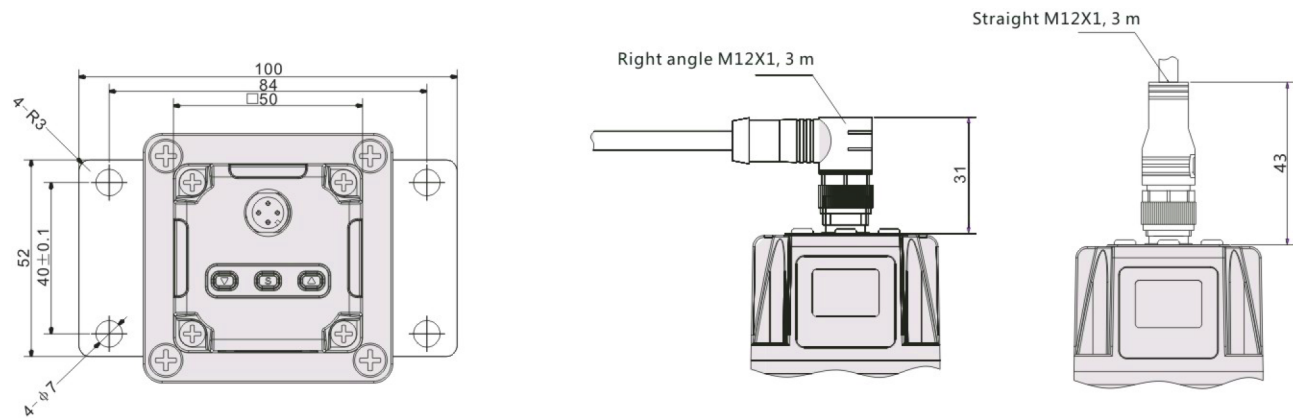
Flat bracket assembly



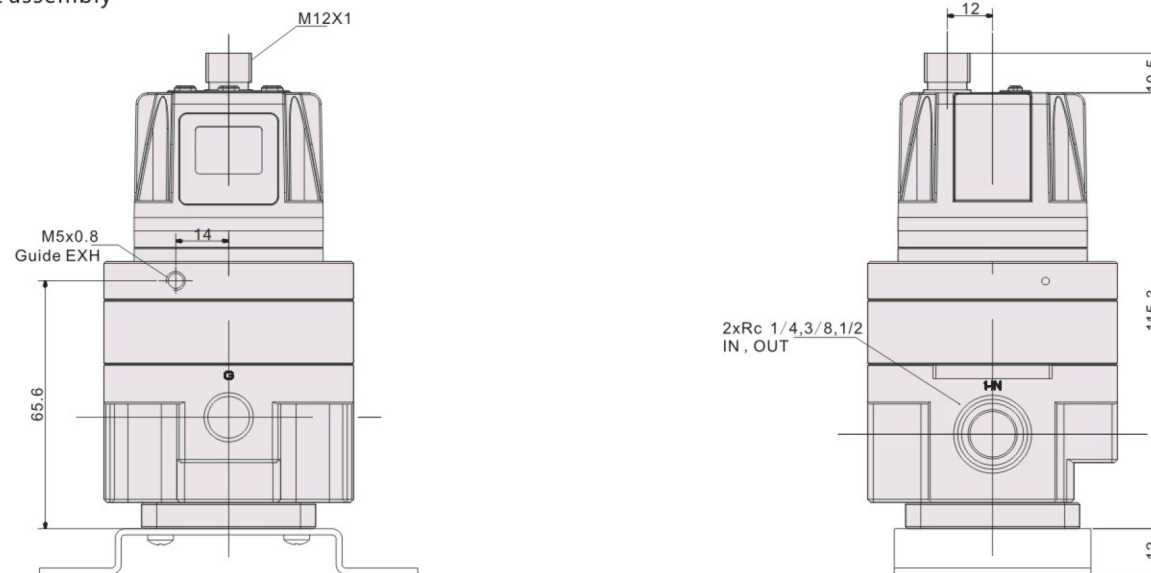
L bracket assembly



VEP3 series dimensions (mm)



Flat bracket assembly



L bracket assembly



Ultra-low power consumption

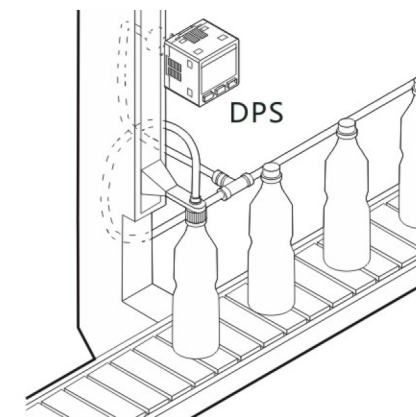
High performance LCD display



Multiple measurement unit for option

Use high quality imported parts

Positive Pressure Application



Vacuum Application

