

Electro-Pneumatic Positioner VP61R

Description

VP61 series Pneumatic-Pneumatic Positioner controls the valve stroke in response to an input signal pressure of 0.02~0.1Mpa from the controller.

Features

	Fast response time and excellent stability
	Simple zero and span adjustment
	IP 66 enclosure
	Low air consumption
VP61L(Linear type)	By-pass valve (A/M switch) installed
	Position transmitter and Limit switch (Options)
VP61R(Rotary type)	

Options

Option code No.1
VP61R with Dome cover

Option code No.2
VP61R with Position transmitter
(External VP5)

Option code No.3 and No.6
VP61R with Position transmitter
(External VP51)

Option code No.4
VP61R with Limit switch box
(External VP4)

Option code No.5
VP61R with Limit switch box
(External VP41)

Option code No.7
VP61R With external Limit switch
mounting device

Electro-Pneumatic Positioner VP61R

Specifications

Model	VP61(Single)	VP61(Double)
Input signal	0.02~0.1Mpa	
Supply pressure	0.14~0.7MPa	
Stroke	10~150mm (Linear), 0~90°(Rotary)	
Air connection	PT1/4, NPT1/4, G1/4	
Gauge connection	NPT1/8	
Enclosure	IP66 (EN60529)	
Ambient Temp.	-20°C~70°C (Standard type)	
Linearity	±1.0% F.S.	±2.0% F.S.
Sensitivity	±0.2% F.S.	±0.5% F.S.
Hysteresis	±1.0% F.S.	
Repeatability	±0.5% F.S.	
Air consumption	Below 2.5LPM (Sup=0.14MPa)	
Flow capacity	Over 80LPM (Sup=0.14MPa)	
Material	Aluminum die cast	
Painting	Polyester powder coating	
Weight	2.8kg	

Product code

Model	VP61					
Acting type	Linear type	L				
	Rotary type	R				
Connection	PT1/4		1			
	NPT1/4		2			
	G1/4		3			
Lever (Linear type)	10 ~ 40mm			1		
	40 ~ 70mm			2		
	70~100mm			3		
	100~150mm			4		
Lever (Rotary type)	M6 x 39L			1		
	NAMUR			5		
Ambient Temp.	-20°C~70°C				S	
	-20°C~120°C				H	
	-40°C~70°C				L	
	-60°C~70°C				U	
Option	None					0
	With Dome cover					1
	External position transmitter (VP5)					2
	External Position transmitter (VP51)					3
	External Limit switch (VP4)					4
	External Limit switch (VP41)					5
	External Position transmitter and Limit switch (VP51)					6
With Limit switch mounting device					7	

*Option No.1~7 only available with VP61R(Rotary type).

Dimension [Unit:mm]

