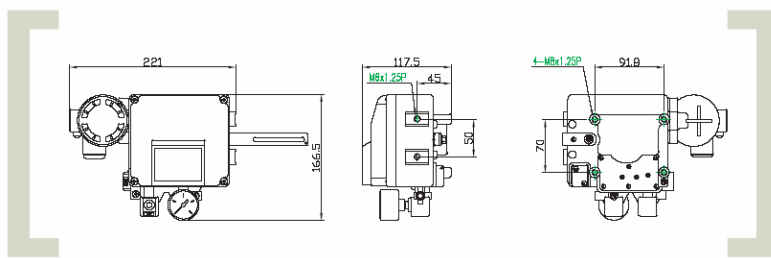


PFX-420L *Electro-Pneumatic Positioner Linear Type*

The Electro-Pneumatic Positioner PFX-420L is used for operation of pneumatic linear valve actuators by means of electrical controller or control systems with an analog output signal of DC 4 to 20mA or split ranges.

- There is no resonance at 5~200Hz.
- The change of RA/DA Acting is convenient, it is able to apply to single or double acting actuator.
- It is possible to prevent the hunting with orifice to the small size actuator.
- It is economical due to less air consumption.
- It is able to control the 1/2 split range with simple operation without replacement of parts.



Specifications

Item.Type	Single	Double
Input Signal	4-20mA DC	
Impedance	250±15 Ohm	
Supply Pressure	1.4~7kgf/cm ² (20~100psi)	
Stroke	10 ~ 150mm	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Explosion Proof	Ex dm IIB T6	
	Ex dm IIC T6	
	Ex ia IIB T6	
Protection	IP66	
Ambient Temp	-20°C~70°C(Standard)	
Linearity	±1% F.S.	±2% F.S.
Hysteresis	±1% F.S.	
Sensitivity	±0.2% F.S.	±0.5% F.S.
Repeatability	±0.5% F.S.	
Air Consumption	3LPM(Sup=1.4kgf/cm ² ,20psi)	
Flow Capacity	80LPM(Sup=1.4kgf/cm ² ,20psi)	
Material	Aluminum Diecasting	
Weight	2.7kg(6.1lb)	

Standard Ordering: PFX-420L - **D** **n** **2** **3** **2** **S**

Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp
PFX-420L -	S Single Acting	m ExdmIIBT6	1 Below 40mm	1 Below 90 cm ³	1 PT	S -20°C -70°C
	D Double Acting	c ExdmIIC T6	2 40~70 mm	2 90~180 cm ³	2 NPT	H -20°C -120°C
		i ExialIBT6	3 70~100 mm	3 Over 180 cm ³		L -40°C -70°C
	n Non-Explosion			4 100~130 mm		
				5 130~150 mm		