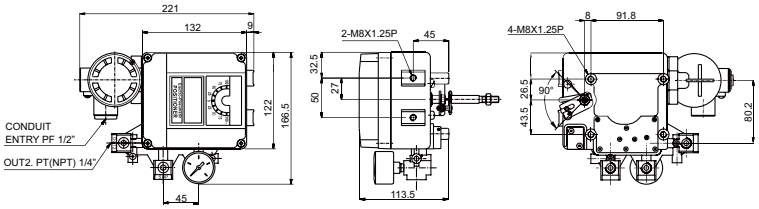
Fig.586 Electro-pneumatic positioner

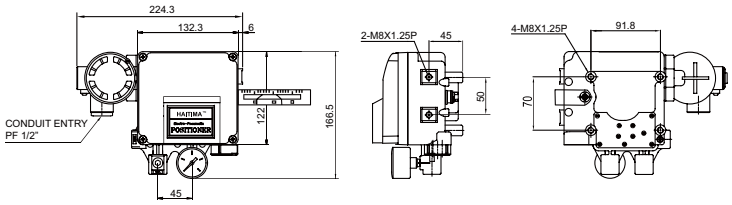
Specifications

Item \ Type	Single Acting	Double Acting
Input Signal	4-20mA DC	
Impedance	250±15 Ohm	
Supply Pressure	1.4~7kgf/cm^2(20~100psi)	
Stroke	0~90° / 10~150mm	
Air Connection	PT (NPT)1/4"	
Gauge Connection	PT (NPT)1/8"	
Conduit	PF1/2" (G1/2")	
Explosion Proof	ExiaII CT6 ExdII BT6 ExdII CT6	
Protection	IP66	
Ambient Temp	-20℃~70℃(Operating) -20℃~60℃(Explosion)	
Linearity	±1% F.S.	±2% F.S .
Hysteresis	±1% F.S.	
Sensitivity	±0.4% F.S.	±0.8% F.S.
Repeatability	±0.5% F.S.	
Material	Aluminum Diecasting	
Weight	2.7kg(6.1lb)	

Rotary Type Dimension



Linear Type Dimension



The Electro-pneumatic valve positioner stroke accurately by DV 4~20mA current signal being input from controller. It changes the current signal into air pressure to contorl the pneumaitc actuator, so as to control the opening of the valve.

This product is convenient to change between direct action and back action, or change between spring return and double acting.

It has the features of low air consumption, easy to operate the Zero Adjust and Span Adjust, quick acting and simple to connect the Feedback Lever.

Both rotary and linear types can select and install the DC 4~20mA feedback unit.

- There is no vibration in the range of 5~200Hz.
- Can set 1/2 Split Range with simply operate, do not need to change part.
- Zero & Span adjustment process is simple.
- Convenient to change between direct action and back action, or change between spring return and double acting.
- Feedback lever connection is easy.
- Acting fast and accurately.
- It is economical due to less air-consumption.
- Small pneumatic actuator can use the orifice of pilot valve to avoid vibration.

Coreline

The contents of this catalogue are confidential and proprietary to Coreline, we reserve the right to change the specifications without any notice.

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