

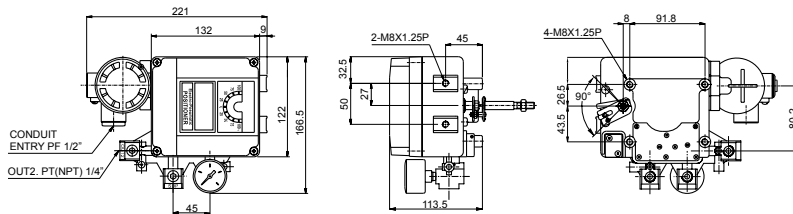
Electro-Pneumatic Positioner HT - 1000

Ordering Symbols: HT-1000 ■ ■ ■ ■ ■ ■

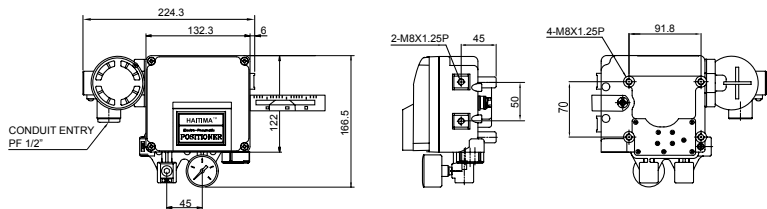
Model	Acting Type	Explosion Proof	Lever Type	Orifice Type
HT-1000R	S Single Acting	d ExdII BT6	HT-1000L	HT-1000R
HT-1000L	D Double Acting	i Exiall CT6 n Non-Explosion	1 10~40 mm 2 40~70 mm 3 70~100 mm 4 100~130 mm 5 130~150 mm	1 M6X40L 2 M6X63L 3 M8X40L 4 M8X63L 5 NAMUR
				1 <90cm ³ 2 90~180cm ³ 3 >180cm ³



Rotary Type Dimension: HT-1000R



Linear Type Dimension: HT-1000L



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		Exiall CT6 ExdII BT6	
Protection		IP65	
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)	

The Electro-Pneumatic Valve Positioner stroke accurately by DV 4~20mA current signal being input from controller. It change the current signal into air pressure to control the pneumatic 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.

HT-1000R(rotary) and HT-1000L(linear) all can select and install the DC 4~20 mA Feedback Unit.

- There is no vibration in the range of 5-200 HZ.
- Can set 1/2 Split Range with simply operate, do not need to change part.
- Zero & Span adjustment process is simply.
- 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.