

YT-1000 Series E/P POSITIONER

The Electro-Pneumatic Positioner YT-1000 is used for operation of pneumatic rotary or linear valve actuator by means of electrical controller of 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 with replacement of parts.

Item	Type	Single Acting	Double Acting
Input Signal		4-20 mADC	
Impedance		250±150hm	
Supply Pressure		1.4~7 Kg.f/cm ² (20~100psi)	
Stroke		0-90°	
Air Conn		1/4 "PT (NPT)	
Gauge Conn		1/8 "PT (NPT)	
Electric Conn		1/2 "PT (NPT,PF)	
Explosion proof		ExdIIBT6 ExdIICT6 ExiaIICT6	
Protrction		IP66	
Amb.Temp		-20~60°C (-4~158°F)	
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 Consunpion:		3LPM(Sup=1.4kg.f/cm ² , 20psi)	
Flow Capacity:		80LPM(Sup=1.4kg.f/cm ² , 20psi)	
Material:		Aluminum,Die-Casing	
Weight:		2.8kg(6.2Ib)	

Note: Please specify the thread type of air & electric connection upon order.

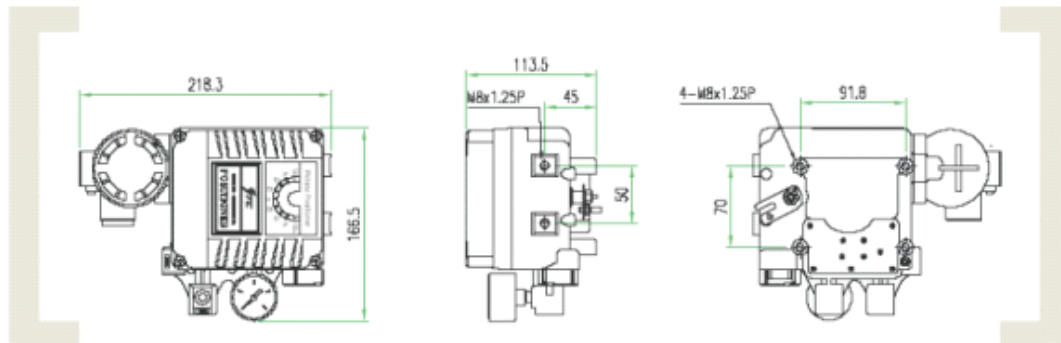
YT-1000R is used for operation of pneumatic rotary valve actuator by means of electrical controller of control systems with an analog output signal of DC 4 to 20mA or split ranges.

E/P POSITIONER : YT-1000R

Order Model: YT-1000R



Model	Action	Explosion proof	Feedback rod	Orifice	Connection way	Ambient temp	Option parts 1	Option parts 2
YT-1000R	Single Acting	ExdmIIBT5	1 M6×40L	1 φ1	1 PT	S -20℃~60℃	standard indicator	0 Non
	Double Acting	ExdmIICT5	2 M6×63L	2 φ2	2 NPT	T -20℃~120℃	dome indicator	1 +PTM (built-in)
		ExiaIIBT6	3 M8×40L	3 Non		R -40℃~70℃		2 +PTM (External)
		Non	4 M8×63L					3 +L/S (built-in)
			5 NAMUR				4 +L/S (External)	
								5 +PTM+L/S (built-in)



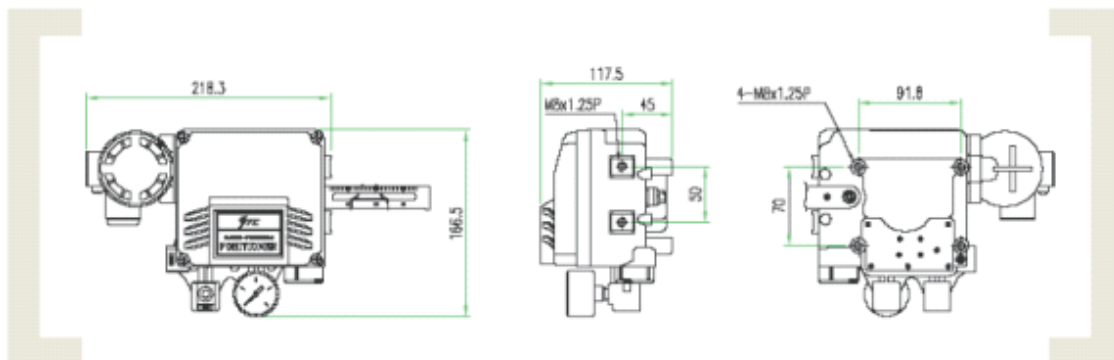
YT-1000L is used for operation of pneumatic linear valve actuator by means of electrical controller of control systems with an analog output signal of DC 4 to 20mA or split ranges.

E/P POSITIONER : YT-1000L

Order Model: YT-1000L



Model	Action way	Explosion proof	Feedback rod	Orifice	Connection way	Ambient temp
YT-1000L	S single acting	Exdm IIBT5	1 10~40mm	1 φ1	1 PT	S -20℃~60℃
	D double acting	Exdm IICT5	2 20~70 mm	2 φ2	2 NPT	T -20℃~120℃
		Exia IIBT6	3 50~100 mm	3 Non		L -40℃~70℃
	Non	4 100~150 mm				




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