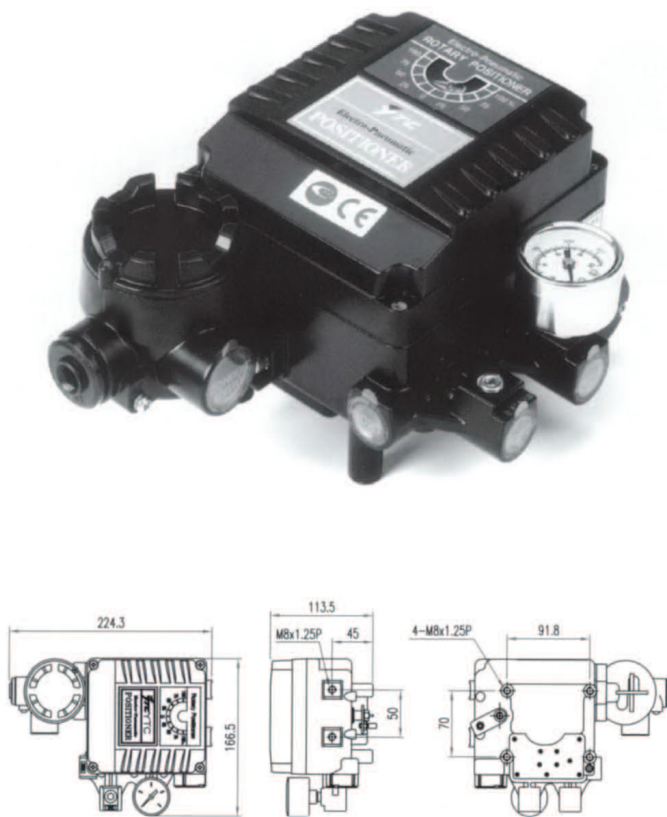


Electro - Pneumatic Positioner YT-1000R (Standard Type)

Ordering Symbols: YT-1000R

Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1	Option2
YT-1000R	S Single	m ExdmIIBT5	1 M6 × 40L	1 φ 1	1 PT	S -20°C ~ 60°C	0 NONE (S'td)	0 NONE
	D Double	C ExdmIICT5	2 M6 × 63L	2 φ 2	2 NPT	H -20°C ~ 120°C	1 Dome Cover	1 + PTM(Internal)
		I ExialIIBT6	3 M8 × 40L	3 None		L -40°C ~ 70°C		2 + PTM(External)
		n Non-Explosion	4 M8 × 63L					3 + L / S(Internal)
			5 NAMUR					4 + L / S(External)
								5 + PTM + L / S(Internal)



Specifications

Item · Type	Single	Double
Input Signal	DC 4-20mA	
Impedance	250 ± 15 ohm	
Supply Pressure	1.4 ~ 7kgf/cm ² (20 ~ 100 psi)	
Stroke	0 ~ 90°	
Air Connection	PT(NPT) 1/4	
Gauge Connection	PT(NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Explosion Proof	Ex dm IIB T5 Ex dm IIC T5 Ex ia IIB T6	
Protection	IP66	
Ambient Temp	Operating	-20°C~70°C(-4~158°F)
	Explosion	-20°C~60°C(-4~140°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 Consumption	2LPM (Sup=1.4kgf/cm ² , 20psi)	
Flow Capacity	80LPM (Sup=1.4kgf/cm ² , 20psi)	
Material	Aluminum Diecasting	
Weight	2.8kg (6.2 lb)	

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

There is no resonance at 5~200Hz.

The change of RA / DA Action 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.