

Electro-Pneumatic Positioner YT-1000R

Product Number: YT-1000R (specify your requirement)

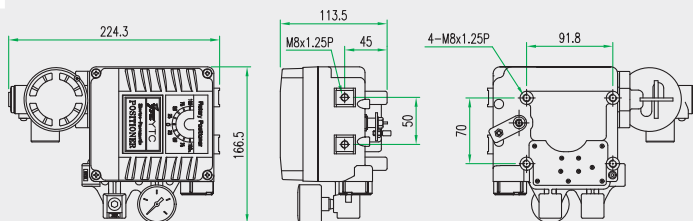
Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1	Option2	
YT-1000R	S Single	m ExdmIIBT5	1 M6 × 34L	1 φ 1	1 PT	S -20°C ~ 60°C	0 NONE (St'd)	0 NONE	
	D Double	f ExdmIIBT5 (FM)	2 M6 × 63L	2 φ 2	2 NPT	H -20°C ~ 120°C	1 Dome Cover	1 + PTM(Internal)	
		C ExdmICT5	3 M8 × 34L	3 None		L -40°C ~ 70°C		2 + PTM(External)	
		I ExialIBT6	4 M8 × 63L					3 + L / S(Internal)	
		n Non-Explosion	5 NAMUR					4 + L / S(External)	
Internal PTM, L/S are Non-Explosion only. (Option 2)								5 + PTM + L / S(Internal)	6 + PTM + L / S(External)



YT-1000R

Item · Type	Single	Double
Input Signal	DC 4-20mA	
Impedance	250 ± 15 Ω	
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	3LPM (Sup=1.4kgf /cm ² , 20psi)	
Flow Capacity	80LPM (Sup=1.4kgf /cm ² , 20psi)	
Material	Aluminum Diecasting	
Weight	2.8kg (6.2 lb)	

* For additional **PTM, L/S** specification refer to p.22, 23, 25(Int.) and 26(Ext.).



The Electro-Pneumatic Positioner YT-1000R is used for operation of pneumatic rotary valve actuators by means of electrical controller or control system with an analog output signal of DC 4 to 20mA or split ranges. (refer to YT-1000L, page12)