

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℃ ~ 60℃	0 NONE (St'd)	0 NONE
	D Double	f ExdmIIBT5 (FM)	2 M6 × 63L	2 φ 2	2 NPT	H -20℃ ~ 120℃	1 Dome Cover	1 + PTM(Internal)
		c ExdmICT5	3 M8 × 34L	3 None		L -40℃ ~ 70℃		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



YT-1000R+PTM(int)



YT-1000R+PTM+L/S(int)



YT-1000R+DOME



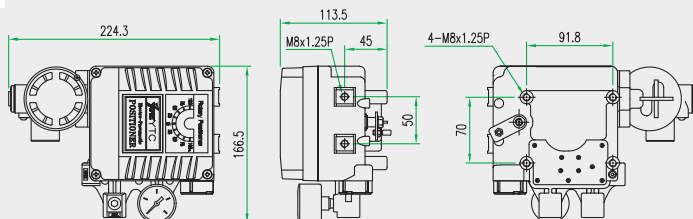
YT-1000R+L/S(ext)
YT-1000R+PTM+L/S(ext)



YT-1000R+PTM(ext)

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℃~70℃(-4~158°F)	
	Explosion	-20℃~60℃(-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)