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 ϕ1	1 PT	S -20℃ ~ 60℃	0 NONE (St'd)	0 NONE
	D Double	f ExdmIIBT5 (FM)	2 M6×63L	2 ϕ2	2 NPT	H -20℃ ~ 120℃	1 Dome Cover	1 + PTM(Internal)
		C ExdmIICT5	3 M8×34L	3 None		L -40℃ ~ 70℃		2 + PTM(External)
		I ExiaIIBT6	4 M8×63L					3 + L / S(Internal)
		n Non-Explosion	5 NAMUR					4 + L / S(External)
								5 + PTM + L / S(Internal)
								6 + PTM + L / S(External)

Internal PTM, L/S are Non-Explosion only. (Option 2)



YT-1000R



YT-1000R+PTM(int)



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



YT-1000R+DOME



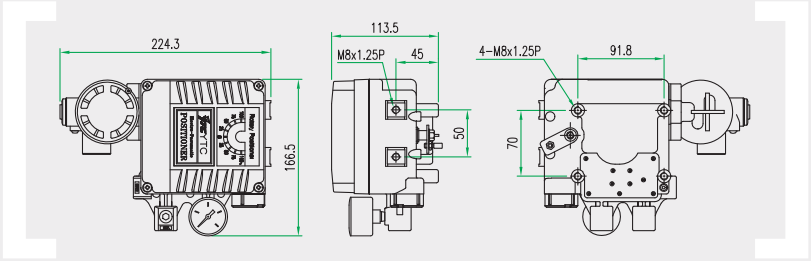
YT-1000R+L/S(ext)
YT-1000R+PTM+L/S(ext)



YT-1000R+PTM(ext)

Item · Type		Single | Double
Input Signal		DC 4-20mA
Impedance		250±15 Ω
Supply Pressure		1.4 ~7kgf/㎠ (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/㎠, 20psi)
Flow Capacity		80LPM (Sup=1.4kgf/㎠, 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 pnuematic rotary valve actuators by means of electrical controller or control system with an analog output signal of DC 4 to 20mA or split ranges.