Electro-Pneumatic Positioner YT-1000L

Product Number: YT-1000L ☐☐☐☐☐☐☐ (specify your requirement)

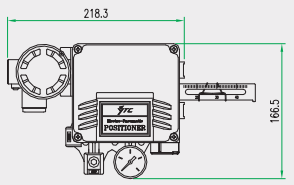
Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option
YT-1000L	S Single	m ExdmIIBT5	1 10 ~ 40mm	1 ϕ1	1 PT	S -20℃ ~ 60℃	0 NONE
	D Double	f ExdmIIBT5 (FM)	2 30 ~ 70mm	2 ϕ2	2 NPT	H -20℃ ~ 120℃	1 +PTM RA (Internal)
		C ExdmIICT5	3 60 ~ 100mm	3 None		L -40℃ ~ 70℃	2 +PTM DA (Internal)
		i ExiaIIBT6	4 100 ~ 150mm				
		n Non-Explosion					

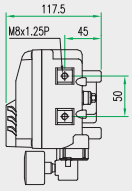


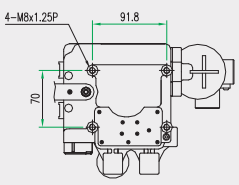
YT-1000L



YT-1000L+PTM(int.)







Item · Type		Single	Double
Input Signal		4-20mA DC	
Impedance		250±15 Ω	
Supply Pressure		1.4 ~ 7kgf/㎠ (20 ~100 psi)	
Stroke		10 ~150mm	
Air Connection		PT(NPT) 1/4	
Gauge Connection		PT(NPT) 1/8	
Conduit		PF 1/2 (G 1/2)	
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		2.7kg (6.1 lb)	

* For additional **PTM specification** refer to p.23.

The Electro-Pneumatic Positioner YT-1000L is used for operation of pnuematic linear valve actuators by means of electrical controller or control system with an analog output signal of DC 4 to 20mA or split ranges.

- Simple zero and span adjustment
- No resonance between 5-200Hz
- Auto/Manual switch
- RA v.s. DA action and 1/2 split range setting by simple adjustment
- Internal feedback signal is available as an option (weather proof only)