

Electro-Pneumatic Positioner YT-1050

Model	Motion Type	Acting Type	Explosion Protection	Lever Type		Orifice Type	Conduit - Air Connection	Operating Temp *1
				Linear	Rotary			
YT-1050	L Linear	S Single	N Non-Explosion	1 10 ~ 40mm	1 M6 × 34L	1 φ 1	2 G1/2 - NPT1/4	S -20°C ~ 60°C
		D Double	M ATEX, KCs	2 30 ~ 70mm	2 M6 × 63L	2 φ 2		H -20°C ~ 120°C
	R Rotary			3 60 ~ 100mm	3 M8 × 34L	3 None		L -40°C ~ 70°C
					4 100 ~ 150mm	4 M8 × 63L		
					5 NAMUR			

*1 With high-low temp positioner, must be non-explosion type.

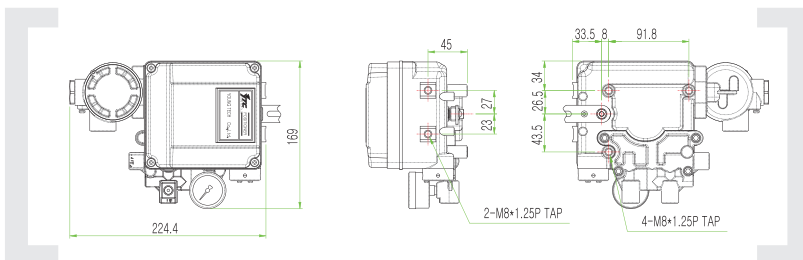


YT-1050R



YT-1050L

Item · Type	Single	Double
Input Signal	4-20mA DC	
Impedance	250 ± 15 Ω	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	10~150mm	0 ~ 90°
Air Connection	NPT 1/4	
Gauge Connection	NPT 1/8	
Conduit	G 1/2 (PF 1/2)	
Explosion Protection Type	ATEX (II 2 G)Ex dmb IIB T5 KCs Ex dmb IIB T5	
Ingress Protection	IP66	
Operating 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	2.5LPM (sup=0.14MPa)	
Flow Capacity	80LPM (sup=0.14MPa)	
Material	Stainless steel 316	
Weight	5.71kg (12.6lb)	



YT-1050, the Electro-Pneumatic Positioner is used for operation of pneumatic 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