

# Electro-Pneumatic Positioner YT-1050

Product Number: YT-1050           2   (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Orifice Type	Connection Type	Ambient Temp
				Linear	Rotary			
YT-1050	<span style="border: 1px solid black; padding: 0 2px;">L</span> Linear	<span style="border: 1px solid black; padding: 0 2px;">S</span> Single	<span style="border: 1px solid black; padding: 0 2px;">n</span> Non-Explosion	<span style="border: 1px solid black; padding: 0 2px;">1</span> 10 ~ 40mm	<span style="border: 1px solid black; padding: 0 2px;">1</span> M6 × 34L	<span style="border: 1px solid black; padding: 0 2px;">1</span> φ 1	<span style="border: 1px solid black; padding: 0 2px;">2</span> NPT	<span style="border: 1px solid black; padding: 0 2px;">S</span> -20°C ~ 60°C
	<span style="border: 1px solid black; padding: 0 2px;">R</span> Rotary	<span style="border: 1px solid black; padding: 0 2px;">D</span> Double	<span style="border: 1px solid black; padding: 0 2px;">m</span> Ex dmb IIB T5	<span style="border: 1px solid black; padding: 0 2px;">2</span> 30 ~ 70mm	<span style="border: 1px solid black; padding: 0 2px;">2</span> M6 × 63L	<span style="border: 1px solid black; padding: 0 2px;">2</span> φ 2		<span style="border: 1px solid black; padding: 0 2px;">H</span> -20°C ~ 120°C
				<span style="border: 1px solid black; padding: 0 2px;">3</span> 60 ~ 100mm	<span style="border: 1px solid black; padding: 0 2px;">3</span> M8 × 34L	<span style="border: 1px solid black; padding: 0 2px;">3</span> None		<span style="border: 1px solid black; padding: 0 2px;">L</span> -40°C ~ 70°C
				<span style="border: 1px solid black; padding: 0 2px;">4</span> 100 ~ 150mm	<span style="border: 1px solid black; padding: 0 2px;">4</span> M8 × 63L			
					<span style="border: 1px solid black; padding: 0 2px;">5</span> NAMUR			



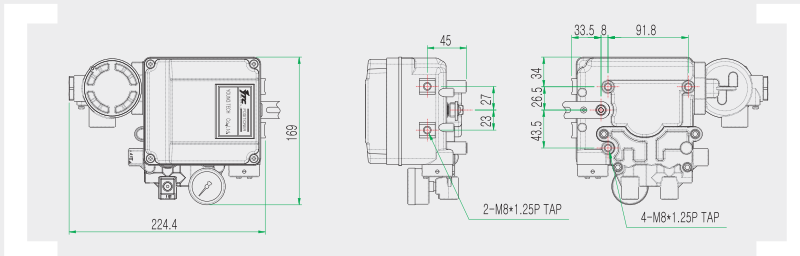
YT-1050R



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	PF 1/2 (G 1/2)	
Explosion Proof	Ex dmb IIB T5	
Enclosure	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	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