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# YT-1000L

## Description

The Electro-Pneumatic Positioner YT-1000L 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.

- 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)

## Specification

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	
Air Connection	PT(NPT,G)1/4	
Gauge Connection	PT(NPT) 1/8	
Conduit	G(PF,NPT)1/2, M20	
Explosion Protection Type	<b>ATEX</b> (II 2 G)Ex dmb IIB T5 <b>IECEX</b> (II 2 G)EEx md IIB T5 <b>KCs</b> Ex dmb IIB T5/Ex d IIC T5 IP66/Ex ia IIB T6 Gb <b>TS</b> Ex db mb IIB T5 Gb X <b>CSA</b> (Class I, Zone 1)Ex dm IIB T5 <b>FM</b> XP-S/1/CD/T5 Ta=60°C; DIP/II, III/1/EFG/T5 Ta=60°C ;Type 4X <b>NEPSI</b> Ex dmb IIC T6 Gb <b>TIIS</b> 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	2.5 LPM (sup=0.14MPa)	
Flow Capacity	80LPM (sup=0.14MPa)	
Material	Aluminum Diecasting	
Weight	2.7kg (6.1 lb)	

Model	Acting Type	Explosion Protection	Lever Type	Orifice Type	Conduit - Air Connection	Operating Temp	Option *2
YT-1000L	<b>S</b> Single	<b>N</b> Non-Explosion	<b>1</b> 10 ~ 40mm	<b>1</b> φ1	<b>1</b> G1/2 - PT1/4	<b>S</b> -20°C ~ 60°C	<b>0</b> NONE
	<b>D</b> Double	<b>M</b> ATEX, IECEX, TS, KCs	<b>2</b> 30 ~ 70mm	<b>2</b> φ2	<b>2</b> G1/2 - NPT1/4	<b>H</b> -20°C ~ 120°C	<b>2</b> + SPTM (Smart type)
		<b>A</b> CSA, FM	<b>3</b> 60 ~ 100mm	<b>3</b> None	<b>3</b> G1/2 - G1/4	<b>L</b> -40°C ~ 70°C	<b>3</b> + SPTM with LCD(Smart type)
		<b>C</b> KCs, NEPSI	<b>4</b> 100 ~ 150mm		<b>4</b> M20 - NPT1/4 *1		
		<b>I</b> KCs			<b>5</b> NPT1/2 - NPT1/4		
		<b>X</b> TIIS					

\*1 M20 adapter is attached to conduit entry

\*2 With high-low temp and/or internal SPTM option, positioner must be non-explosion type .

## Sản phẩm khác



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[YT-1050](#)

[Xem thêm YT-1050](#)



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[YT-1000R](#)

[Xem thêm YT-1000R](#)

