

# Smart Positioner YT-2700

Product Number: YT-2700 S n 1 1 0 0 F (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option	Fail Option
				Linear	Rotary				
YT-2700	<span style="border: 1px solid black; padding: 1px;">L</span> Linear	<span style="border: 1px solid black; padding: 1px;">S</span> Single	<span style="border: 1px solid black; padding: 1px;">n</span> Non-Explosion	<span style="border: 1px solid black; padding: 1px;">1</span> 5~35mm	<span style="border: 1px solid black; padding: 1px;">1</span> M6×34L	<span style="border: 1px solid black; padding: 1px;">1</span> PT	<span style="border: 1px solid black; padding: 1px;">0</span> NONE	<span style="border: 1px solid black; padding: 1px;">0</span> NONE	<span style="border: 1px solid black; padding: 1px;">F</span> Fail Freeze
	<span style="border: 1px solid black; padding: 1px;">R</span> Rotary	<span style="border: 1px solid black; padding: 1px;">i</span> Ex ia IIC T6/T5			<span style="border: 1px solid black; padding: 1px;">2</span> M6×63L	<span style="border: 1px solid black; padding: 1px;">2</span> NPT	<span style="border: 1px solid black; padding: 1px;">2</span> +HART	<span style="border: 1px solid black; padding: 1px;">1</span> +PTM	<span style="border: 1px solid black; padding: 1px;">S</span> Fail Safe
					<span style="border: 1px solid black; padding: 1px;">3</span> M8×34L				
					<span style="border: 1px solid black; padding: 1px;">4</span> M8×63L				
					<span style="border: 1px solid black; padding: 1px;">5</span> NAMUR				



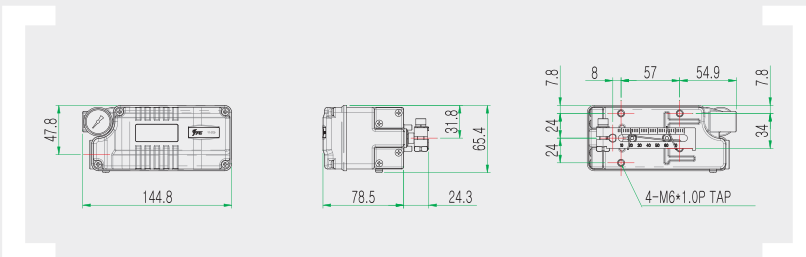
YT-2700



compact size



Item · Type	YT-2700L	YT-2700R
Input Signal	4~20mA DC	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	5~35mm	0 ~ 90°
Impedance	Max.460Ω @ 20mA DC	
Air Connection	PT(NPT)1/4	
Gauge Connection	PT(NPT)1/8	
Conduit	PF1/2 (G1/2)	
Ambient Temp.	Operating Temp.	-30°C ~ 80°C (-22~176° F)
	Explosion Temp.	-40~40°C(T6) / -40~60°C(T5)
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Repeatability	±0.3% F.S.	
Air Consumption	0.01LPM (sup=0.14MPa)	
Flow Capacity	9LPM(sup=0.14MPa)	
Output Characteristics	Linear, EQ%, Quick Open user set (16 Point)	
Material	Aluminum Diecasting	
Enclosure	IP66	
Explosion Proof Type	Ex ia IIC T6 / T5	
Weight	0.82kg (1.8lb)	



YT-2700 Compact smart valve positioner accurately controls valve stroke, according to input signal of 4-20mA being delivered from controller.

- Fail freeze function
- Near zero air consumption level
- HART communication
- Fail safe function
- PD control
- 4 buttons for local control
- LCD display
- Feedback signal
- Auto calibration
- Single acting only