

Smart Positioner YT-2700

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

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



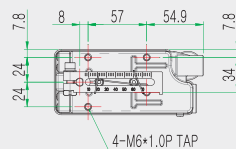
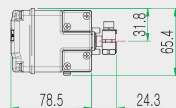
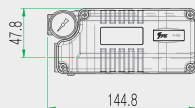
YT-2700



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