

# Smart Positioner YT-2400

Product Number: YT-2400                 (specify your requirement)

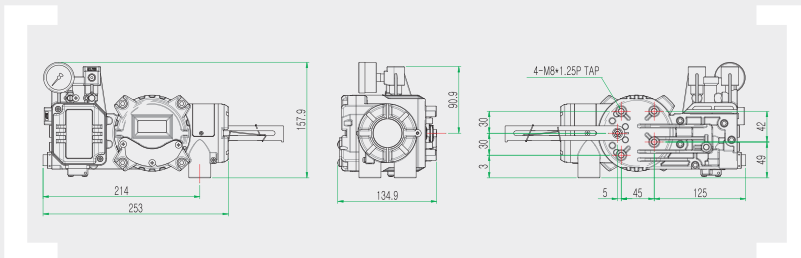
Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option +	
				Linear	Rotary				
YT-2400	L Linear	S Single	H ExdIIB(+H <sub>2</sub> )T6	1 10~40mm	1 M6×34L	1 PT	0 NONE	0 NONE	
		D Double		2 20~70mm	2 M6×63L				2 NPT
	R Rotary	D Double		3 50~100mm	3 M8×34L	2 +HART			1 +PTM
				4 100~150mm	4 M8×63L				
			5 NAMUR		3 +PTM+L/S(Without HART)				

\* L/S: DC24V and Transistor Type Switch.



YT-2400R

Item · Type	YT-2400L	YT-2400R
Input Signal	4~20mA DC	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	10~150mm	0 ~ 90°
Impedance	Max.430Ω @ 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.	-20°C ~60°C (-4 ~140° F)
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Repeatability	±0.3% F.S.	
Air consumption	Below 2LPM (sup=0.14MPa)	
Flow Capacity	70LPM (sup=0.14MPa)	
Output Characteristics	Linear, EQ%, Quick Open user set (16 Point)	
Material	Aluminum Diecasting	
Enclosure	IP66	
Explosion Proof type	Ex d IIB (+H <sub>2</sub> ) T6	
Weight	3.35kg (7.37lb)	



YT-2400 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4-20mA being delivered from controller.

- Auto calibration
- PID control
- LCD display
- HART communication
- Feedback signal
- Limit switches
- 4 buttons for local control
- Auto/Manual switch
- Variable orifice