

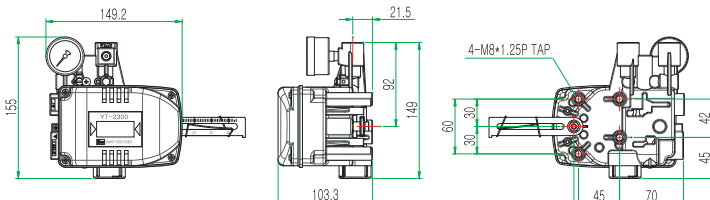
# Smart Positioner YT-2300

Product Number: YT-2300       (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option
				Linear	Rotary			
YT-2300	<span style="border: 1px solid black; padding: 2px;">L</span> Linear	<span style="border: 1px solid black; padding: 2px;">S</span> Single	<span style="border: 1px solid black; padding: 2px;">n</span> Non-Explosion	<span style="border: 1px solid black; padding: 2px;">1</span> 10~40mm	<span style="border: 1px solid black; padding: 2px;">1</span> M6×34L	<span style="border: 1px solid black; padding: 2px;">1</span> PT	<span style="border: 1px solid black; padding: 2px;">0</span> NONE	<span style="border: 1px solid black; padding: 2px;">0</span> NONE
	<span style="border: 1px solid black; padding: 2px;">R</span> Rotary	<span style="border: 1px solid black; padding: 2px;">D</span> Double	<span style="border: 1px solid black; padding: 2px;">i</span> Ex ia IIC T6/T5	<span style="border: 1px solid black; padding: 2px;">2</span> 20~70mm	<span style="border: 1px solid black; padding: 2px;">2</span> M6×63L	<span style="border: 1px solid black; padding: 2px;">2</span> NPT	<span style="border: 1px solid black; padding: 2px;">2</span> +HART	<span style="border: 1px solid black; padding: 2px;">1</span> +PTM
				<span style="border: 1px solid black; padding: 2px;">3</span> 50~100mm	<span style="border: 1px solid black; padding: 2px;">3</span> M8×34L			
				<span style="border: 1px solid black; padding: 2px;">4</span> 100~150mm	<span style="border: 1px solid black; padding: 2px;">4</span> M8×63L			
					<span style="border: 1px solid black; padding: 2px;">5</span> NAMUR			



Item · Type	YT-2300L	YT-2300R
Input Signal	4~20mA DC	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	10~150mm	0 ~ 90°
Impedance	Max.460Ω @ 20mADC	
Air Connection	PT(NPT)1/4	
Gauge Connection	PT(NPT)1/8	
Conduit	PF1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp.	Operating Temp.	-30°C ~ 80°C (-22~176° F)
Temp.	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.	
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 ia IIC T6 / T5	
Weight	1.5kg (3.3lb)	



YT-2300 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
- Variable orifice
- 4 buttons for local control
- Auto/Manual switch