

Smart Positioner YT-2500 / YT2550

Product Number: YT-2500 / YT2550 (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option *	Fail Option
				Linear	Rotary				
YT-2500	L Linear	S Single	n Non-Explosion	1 10~40mm	1 M6×34L	1 PT	0 NONE	0 NONE	F Fail Freeze
YT-2550	R Rotary	D Double	i Ex ia IIC T6/T5	2 20~70mm	2 M6×63L	2 NPT	2 + HART	1 + PTM	S Fail Safe
				3 50~100mm	3 M8×34L		3 + Foundation Fieldbus	2 + L/S(Mechanical Type)	
				4 100~150mm	4 M8×63L			3 + L/S(Proximity Type)	
					5 NAMUR			4 + PTM+L/S(Mechanical Type)	
								5 + PTM+L/S(Proximity Type)	

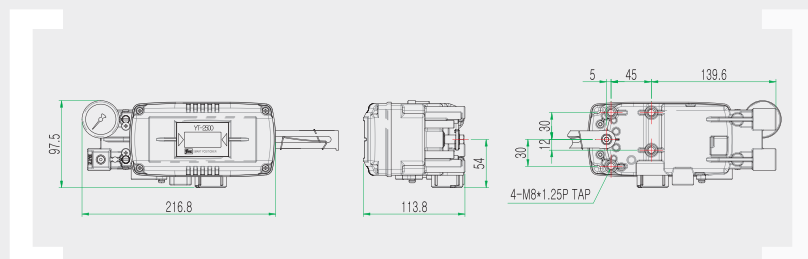
*L/S for rotaty type only



YT-2500R



YT-2550R



Item · Type		YT-2500	YT-2550
Input Signal		4~20mA DC	
Supply Pressure		0.14~0.7MPa(1.4~7 bar)	
Stroke	Linear Type	10~150mm	
	Rotary Type	0 ~ 90°	
Impedance		Max.460Ω @ 20mA DC	
Air Connection		PT(NPT)1/4	NPT 1/4
Gauge Connection		PT(NPT)1/8	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		60 LPM(sup=0.14MPa)	
Output Characteristics		Linear, EQ%, Quick Open user set (16 Point)	
Material		Aluminum Diecasting	Stainless steel 316
Enclosure		IP66	
Explosion Proof type		Ex ia IIC T6 / T5	
Weight		1.5kg (3.3lb)	2.9kg (6.4lb)

YT-2500 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4-20mA being delivered from controller.

- Fail freeze function
- Auto calibration
- LCD display
- Near zero air consumption level
- PD control
- Feedback signal
- HART communication
- 4 buttons for local control
- Limit switches