

# Smart Positioner YT-3300

Product Number: YT-3300         (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option *	Ambient Temp
				Linear	Rotary				
YT-3300	L Linear	S Single	n Non-Explosion	1 20~100mm	5 NAMUR	1 PT	0 NONE	0 NONE	S -30°C~ 85°C
		D Double	i Ex ia IIC T6/T5	2 90~150mm		2 NPT	2 + HART	1 + PTM	L -40°C~ 85°C
				3 16~30mm(Adapter Type)				2 + L/S(Mechanical Type)	
				4 16~60mm(Adapter Type)				3 + L/S(Proximity Non-explosion Type)	
				5 16~100mm(Adapter Type)				4 + PTM+L/S(Mechanical Type)	
							5 + PTM+L/S(Proximity Non-explosion Type)		

\* L/S for rotary type only

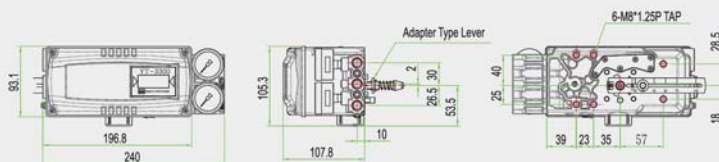


YT-3300R



YT-3300R+L/S

Item · Type	YT-3300L	YT-3300R
Input Signal	4~20mA DC	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	20~150mm	0 ~ 90°
Impedance	Max.450Ω @ 20mA DC	
Air Connection	PT(NPT)1/4	
Gauge Connection	PT(NPT)1/8	
Conduit	PF1/2 (G1/2)	
Ambient Temp.	Standard Type.	-30°C ~ 85°C (-22~185° F)
	Low Temp Type.	-40°C ~ 85°C (-40~185° F)
	Explosion Temp.	-40~40°C(T6) / -40~60°C(T5)
	LCD Operating Temp.	-30°C ~ 85°C (-22~185° 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 ia IIC T6/ T5	
Weight	2kg (4.4lb)	



YT-3300 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4-20mA being delivered from controller.

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