



# Smart Positioner YT-3300

Product Number: YT-3300         (specify your requirement)

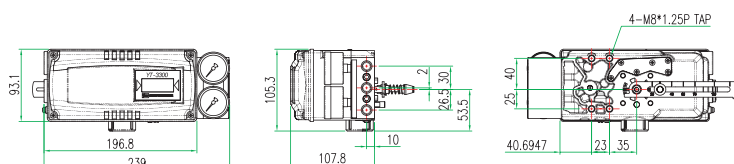
Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option	Ambient Temp
				Linear	Rotary				
YT-3300	<b>L</b> Linear	<b>S</b> Single	<b>n</b> Non-Explosion	<b>1</b> 20~100mm	<b>5</b> NAMUR	<b>1</b> PT	<b>0</b> NONE	<b>0</b> NONE	<b>S</b> -30°C~ 85°C
	<b>R</b> Rotary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



YT-3300



YT-3300+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)	
Repeatability	±0.3% F.S.	
Ambient Temp.	Operating Temp.	-30°C ~ 85°C (-22~185° 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.	
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