

# Smart Positioner YT-3300 / YT-3350

Product Number: YT-3300 / YT-3350         (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option	Ambient Temp
				Linear*	Rotary				
YT-3300	<span style="border: 1px solid black; padding: 1px;">L</span> Linear	<span style="border: 1px solid black; padding: 1px;">S</span> Single	<span style="border: 1px solid black; padding: 1px;">n</span> Non-Explosion	<span style="border: 1px solid black; padding: 1px;">0</span> 10~40mm	<span style="border: 1px solid black; padding: 1px;">1</span> M6 × 34L	<span style="border: 1px solid black; padding: 1px;">1</span> PT	<span style="border: 1px solid black; padding: 1px;">0</span> NONE	<span style="border: 1px solid black; padding: 1px;">0</span> NONE	<span style="border: 1px solid black; padding: 1px;">S</span> -30°C~ 85°C
YT-3350	<span style="border: 1px solid black; padding: 1px;">R</span> Rotary	<span style="border: 1px solid black; padding: 1px;">D</span> Double	<span style="border: 1px solid black; padding: 1px;">i</span> Ex ia IIC T6/T5	<span style="border: 1px solid black; padding: 1px;">1</span> 20~100mm	<span style="border: 1px solid black; padding: 1px;">2</span> M6 × 63L	<span style="border: 1px solid black; padding: 1px;">2</span> NPT	<span style="border: 1px solid black; padding: 1px;">2</span> + HART	<span style="border: 1px solid black; padding: 1px;">1</span> + PTM	<span style="border: 1px solid black; padding: 1px;">L</span> -40°C~ 85°C
				<span style="border: 1px solid black; padding: 1px;">2</span> 90~150mm	<span style="border: 1px solid black; padding: 1px;">3</span> M8 × 34L			<span style="border: 1px solid black; padding: 1px;">2</span> + L/S(Mechanical Type)	
				<span style="border: 1px solid black; padding: 1px;">3</span> 16~30mm	<span style="border: 1px solid black; padding: 1px;">4</span> M8 × 63L			<span style="border: 1px solid black; padding: 1px;">3</span> + L/S(Proximity Non-explosion Type)	
				<span style="border: 1px solid black; padding: 1px;">4</span> 16~60mm	<span style="border: 1px solid black; padding: 1px;">5</span> NAMUR			<span style="border: 1px solid black; padding: 1px;">4</span> + PTM+L/S(Mechanical Type)	
				<span style="border: 1px solid black; padding: 1px;">5</span> 16~100mm				<span style="border: 1px solid black; padding: 1px;">5</span> + PTM+L/S(Proximity Non-explosion Type)	
				<span style="border: 1px solid black; padding: 1px;">6</span> 90~150mm					

\*Lever 3~6 is adapter type.



YT-3300R

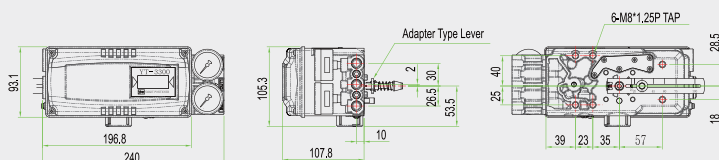


YT-3300R+L/S



YT-3350R

Item · Type	YT-3300	YT-3350
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.450Ω @ 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.	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	Stainless Steel 316
Enclosure	IP66	
Explosion Proof Type	Ex ia IIC T6 / T5	
Weight	2kg (4.4lb)	5.1kg (11.2lb)



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