

Smart Positioner YT-3301

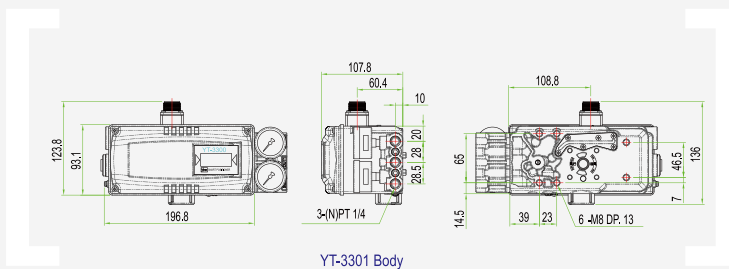
Product Number: YT-3301 (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option	Ambient Temp	Cable Length *
				Linear	Rotary					
YT-3301	L Linear	S Single	n Non-Explosion	1 10~40mm	5 NAMUR	1 PT	0 NONE	0 NONE	S -30°C~ 85°C	1 5m
	R Rotary	D Double	i Ex ia IIC T6/T5	2 20~70mm		2 NPT	2 + HART	1 + PTM	L -40°C~ 85°C	2 10m
				3 50~100mm						3 15m
				4 100~150mm						4 20m

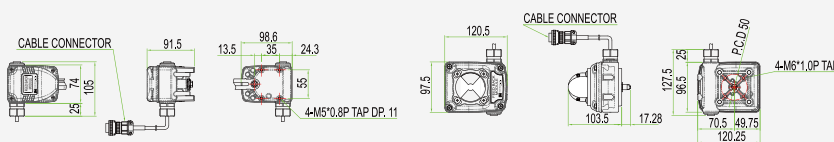
* Maximum cable length is 20m.



Item · Type	YT-3301L	YT-3301R
Input Signal	4~20mA DC	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	10~150mm	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.	Sensor Operating Temp.	-40°C ~ 120°C (-40~248°F)
	Body Operating Temp.	-30°C ~ 85°C (-22~185°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	Body	2kg (4.4lb)
	Sensor	0.6kg (1.3lb) 0.9kg (2.0lb)



YT-3301 Body



YT-3301L Sensor

YT-3301R Sensor

YT-3301 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4-20mA being delivered from controller.

- Separated feedback module
- Auto/Manual switch
- HART communication
- Auto calibration
- PID control
- 4 buttons for local control
- LCD display
- Feedback signal