Smart Positioner YT-2600

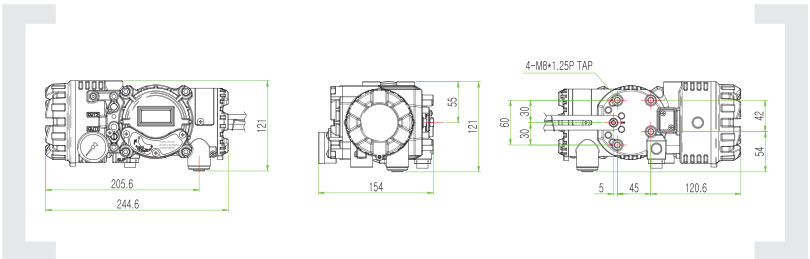
Model	Motion Type	Acting Type	Explosion Protection	Lever Type: Linear	Lever Type: Rotary	Conduit - Air Connection	Communication	Option *1	Fail Option
YT-2600	L Linear	S Single	C ATEX, IECEx, KCs	1 10~40mm	1 M6×34L	1 G1/2 - PT1/4	0 NONE	0 NONE	F Fail Freeze
	R Rotary	D Double		2 20~70mm	2 M6×63L	2 G1/2 - NPT1/4	2 + HART	1 + PTM	S Fail Safe
				3 50~100mm	3 M8×34L	3 G1/2 - G1/4		2 + L/S	
				4 100~150mm	4 M8×63L	4 M20 - NPT1/4 *1		3 + PTM+L/S	
					5 NAMUR	5 NPT1/2 - NPT1/4			

*1 M20 adapter is attached to conduit entry

*1 L/S: DC 24V and Transistor Type Switch.



YT-2600



Item · Type		YT-2600L	YT-2600R
Input Signal		4~20mA DC	
Supply Pressure		0.14~0.7MPa(1.4~7 bar)	
Stroke		10~150mm	0 ~ 90°
Impedance		Max.460Ω @ 20mA DC	
Air Connection		PT(NPT,G)1/4	
Gauge Connection		PT(NPT)1/8	
Conduit		G(PF,NPT)1/2, M20	
Operating Temp	Operating Temp.	-30℃ ~ 80℃ (-22~176° F)	
	Explosion Temp.	-40~80℃(T5) / -40~70℃(T6)	
Linearity		±0.5% F.S.	
Hysteresis		±0.5% F.S.	
Sensitivity		±0.2% F.S.	
Repeatability		±0.3% F.S.	
Air Consumption	Fail Freeze	0.01LPM (sup=0.14MPa)	
	Fail Safe	6 LPM (sup=0.14MPa)	
Flow Capacity	Fail Freeze	50LPM (sup=0.14MPa)	
	Fail Safe	40LPM (sup=0.14MPa)	
Output Characteristics		Linear, EQ%, Quick Open user set (16 Point)	
Material		Aluminum Diecasting	
Ingress Protection		IP66	
Explosion Protection Type		ATEX, IECEx Ex db IIC T5/T6, Ex tb IIIC T85℃/T100℃ KCs Ex d IIC T5/T6 IP66	
Communication(Option)		HART(ver.5)	
Weight		3.0kg (6.61lb)	

YT-2600 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 switch