

Smart Positioner YT-3400 / YT-3450

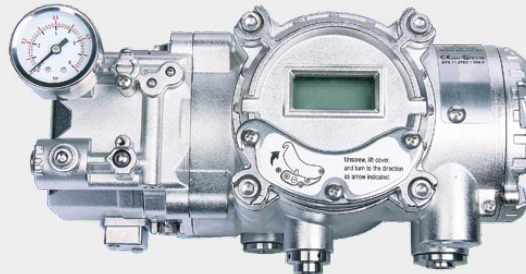
Product Number: YT-3400 / YT-3450 ■ ■ ■ ■ ■ ■ ■

Model	Motion	Acting	Explosion Proof	Lever		Connection	Communication	Option	Temperature
				Linear	Rotary				
YT-3400	L Linear	S Single	c Ex d IIC T6	1 10→40 mm	1 M6 x 34L	1 PT*	0 None	0 None	S -30→85°C
YT-3450	R Rotary	D Double		2 20→70 mm	2 M6 x 63L	2 NPT	2 HART	1 PTM	L -40→85°C
				3 50→100 mm	3 M8 x 34L	2 L/S			
				4 100→150 mm	4 M8 x 63L	3 PTM + L/S			
					5 NAMUR				

*Incompatible : YT-3450

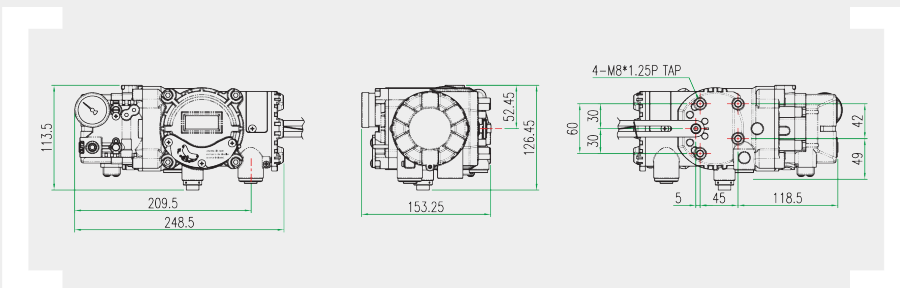


YT-3400R



YT-3450R

Item - Type	YT-3400	YT-3450	
Input Signal	4-20mA VDC		
Supply Pressure	0,14-0,7MPa (1,4-7 bar)		
Stroke	Linear	10→150mm	
	Rotary	0→90°	
Impedance	Max 500Ω @ 20mA		
Connection	Air	(N)PT1/4"	
	Gauge	(N)PT1/8"	
Conduit	PF(G)1/2"		
Temperature	Standard	-30→85°C	
	Extended	-40→85°C	
	Explosion	-40→60°C (T5)	-40→40°C (T6)
		LCD	-30→85°C
Linearity	±0,5% F.S.		
Hysteresis	±0,5% F.S.		
Sensitivity	±0,2% F.S.		
Repeatability	±0,3% F.S.		
Consumption - Air	≤ 2 L/min @ 0,14MPa		
Flow Capacity	70 L/min @ 0,14MPa		
Output Characteristics	Linear, EQ%, Quick Open, User Set (16 points)		
Material	Aluminium	S.S. 316	
Enclosure	IP 66		
Explosion Proof	Ex ia IIC T5/T6		
Weight	3,4 kg	7,0 kg	



YT-3400 (YT-3450) accurately controls valve stroke, according to input signal 4-20mA being delivered from controller.

- Auto-calibration
- Auto/Manual Switch
- HART Communication
- LCD Display
- PID Control
- 4 buttons for local control
- Feedback signal (PTM)
- Limit switches (L/S)

