

YT-3350

YT-3350 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4~20mA being delivered from controller.

Description

YT-3350 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4~20mA being delivered from controller.

- Auto calibration
- Auto/Manual switch
- HART comunication
- LCD display
- PID control
- 4 buttons for local control
- Feedback signal
- Limit switch

Specification

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.500Ω @ 20mA DC	
Air Connection		PT(NPT,G)1/4	NPT 1/4
Gauge Connection		PT(NPT)1/8	NPT 1/8
Conduit		G(PF,NPT)1/2,M20	G(PF)1/2
Operating Temp	Standard Type.	-30℃ ~ 85℃ (-22~185° F)	
	Low Temp. Type.	-40℃ ~ 85℃ (-40~185° F)	
LCD Operating Temp.		-30℃ ~ 85℃ (-22~185° F)	
Ambient Temp. of Explosion Proof		-40~60℃(T5) / -40~40℃(T6)	
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
Ingress Protection		IP66	
Explosion Protection Type		**ATEX, IECEx** Ex ia IIC T5/T6 Gb, EX iaD IIIC T100℃/T85℃ Db IP66 **NEPSI** Ex ia IIC T5/ T6 **KCs** Ex ia IIC T5/T6, EX iaD IIIC T100℃/T85℃ **CSA** Pending **FM** Class I, Div 1, Groups ABCD Class I, Zone 0 AEx ia IIC Class II/III, Div 1, Groups EFG Class I, II, III, Div 2, Groups ABCDEFG NEMA Type 4 IP66 AMBENT TEMP: -40℃ ~ 60℃ (T5) / -40℃ ~ 40℃ (T6)	
Communication(Option)		HART(ver.7)	
L/S Rating	Mechanical Type(Omron)	AC 125V, 3A DC 30V, 2A	
	Proximity Type(P&F)	DC 8.2V 8.2mA	
Weight		2kg (4.4lb)	5.1kg(11.2lb)

Model	Motion Type	Acting Type	Explosion Protection	Lever Type — Linear *1	Lever Type — Rotary	Conduit - Air Connection *2	Communication	Option	Operating Temp
YT-3300	L Linear	S Single	N Non-Explosion	0 10~40mm	1 M6×34L	1 G1/2 - PT1/4	0 NONE	0 NONE	S -30℃~ 85℃
YT-3350	R Rotary	D Double	I ATEX, IECEx, NEPSI, KCs	1 20~100mm	2 M6×63L	2 G1/2 - NPT1/4	2 + HART	1 + PTM	L -40℃~ 85℃
			A CSA, FM	2 90~150mm	3 M8×34L	3 G1/2 - G1/4		2 + L/S(Mechanical Type)	
				3 16~30mm	4 M8×63L	4 M20 - NPT1/4 *3		3 + L/S(Proximity Type)	
				4 16~60mm	5 NAMUR	5 NPT1/2 - NPT1/4		4 + PTM+L/S(Mechanical Type)	
				5 16~100mm				5 + PTM+L/S(Proximity Type)	
				6 90~150mm					

*1 Lever 3~6 is adapter lever type.

*2 YT-3350 is available for No.2 ONLY.
*3 M20 adapter is attached to conduit entry

Sản phẩm khác



YT-3303

Xem thêm YT-3303



YT-3300

Xem thêm YT-3300