

- Smart Positioner
- Electro-Pneumatic Positioner
- Pneumatic-Pneumatic Positioner
- Volume Booster
- Air Filter Regulator
- Lock Up Valve
- Snap Acting Relay
- Solenoid Valve
- Electro Position Transmitter



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History

1977.07	Company Established (Parent Company)
1988.02	Produced the Pneumatic Control Valve
1995.05	Completed the development of Positioner
1996.01	Established Young Tech Co., Ltd.
1996.05	Produced the Electro-Pneumatic positioner YT-1000L, R
1996.08	Produced the Air Filter Regulator YT-200, 220
1997.01	Certified Explosion proof (ExsdIIBT6) on E/P positioner YT-1000L, R
1997.07	Produced the Volume Booster YT-300
1997.12	Produced the Pneumatic-Pneumatic positioner YT-1200L, R
1998.02	Produced the Position Transmitter PTM-5L, R
1998.04	Certified Explosion proof (ExdmIIBT6) on E/P positioner YT-1000L, R
1998.08	Certified CE on E/P positioner YT-1000L, R
1998.09	Certified Explosion proof (ExdmIIBT6) on E/P positioner YT-1000L, R
1999.04	Produced the smart positioner YT-2000L, R
1999.06	Produced the Volume Booster YT-310
1999.10	Certified EM (Excellent Machine, Mechanism & Materials) on E/P positioner YT-1000L, R
2000.01	Certified ISO 9001
2000.04	Certified Venture Business (from Korean Government)
2000.07	Produced the Lock Up Valve YT-400
2000.11	Produced the Snap Acting Relay YT-500, YT-510
2001.01	Produced the Position Transmitter PTM-6L, R
2001.03	Certified Explosion proof (ExdIICT6) on Position Transmitter PTM-6L, R
2001.05	Completed new factory
2001.08	Certified KEMA on E/P positioner YT-1000L, R (EExmdIIBT4)
2001.11	Certified Explosion proof (ExdIICT6) on Solenoid Valve YT-700, 710, 720
2002.02	Started to produce EA91, EA90 by OEM for Motoyama Eng. Works, Ltd.
2002.05	Joined in Hart Foundation
2002.07	Certified Export-oriented Small and Medium-sized company (From Korean Government)
2002.09	Produced Stainless steel type Air filter regulator YT-250
2003.02	Upgraded to ISO 9001:2000
2003.03	Certified Explosion proof (ExdIICT6) on smart positioner YT-2200L, R
2003.10	Certified ATEX Explosion proof(EEx dm IIB T5)on E/P Positioner YT-1000
2003.11	Produced the Smart Positioner YT-2300L,R
2004.01	Established laboratory



Certifications



TUV ISO 9001



CE (YT-1000L, R)



Proof of Venture Business



EM-Excellent Machine, Mechanism & Materials (YT-1000L, R)



Patent (YT-1000L, R)



Patent (YT-1000 R)



ATEX (YT-1000L, R)



Ex ia IIB T6 (YT-1000L, R)



Ex dm IIC T6 (YT-1000L, R)

Certification



Ex dm IIB T6 (YT-1000L, R)



Ex d IIC T6 (PTM-6 Series)



Ex d IIC T6 (YT-700)



Ex d IIC T6 (YT-2200)



IP 67 (PTM-5 Series)



IP 67 (PTM-6 Series)



IP 66 (YT-1000L, R)



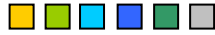
IP 66 (YT-1200)



IP 66 (YT-2300)

Smart Positioner YT-2300L (Linear Type)

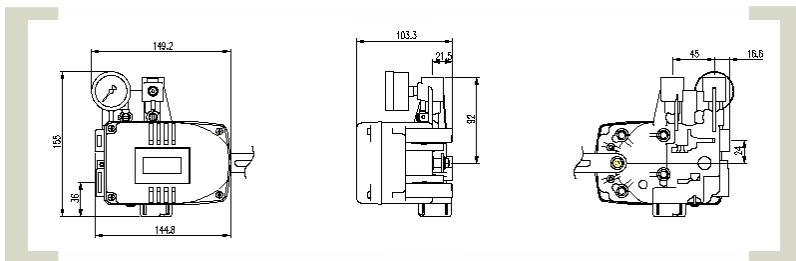
Ordering Symbols: YT-2300L



Model	Acting Type	Explosion Proof	Lever Type	Connection Type	Communication	Option
YT-2300 L	Single Acting	Non-Explosion	10~40mm	PT	NONE	NONE
	Double Acting	ExiaIICT6	20~70 mm	NPT	HART	+ Transmitter
			50~100 mm			
			100~150 mm			

Specifications

Item.Type	Single	Double
Input Signal	4-20mA DC	
Supply Pressure	1.4~7kgf/cm ² (0.14~0.7MPa)	
Stroke	10~150mm	
Impedance	Max.500 Ohm/20mA DC	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp	-30~85 °C (-22~185° F)	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Air Consumption	Below 2LPM(sup=1.4K) Below 3LPM(sup=7K)	
Flow Capacity	70LPM	
LCD	Storage Temp	-30~85 °C (-22~185° F)
	Operating Temp	-10~70 °C (14~158° F)
Output Characteristics	Linear,EO%,Quick Open User set(16Point)	
Material	Aluminum Diecasting	
Protection	IP66	
Explosion Proof	ExiaIICT6	
Weight	1.5kg(3.3lb)	



YT-2300L Smart Valve Positioner controls valve stroke accurately according to input signal of 4-20mA being input from controller. In addition, highly efficient microprocessing operator built in the product performs various and powerful functions like Auto calibration, PID control, Alarm and Hart protocol.

- LCD attached outside of the product makes to inspect the state of positioner in the field.
- All kinds of information for valve and positiner can be processed with using Hart communication.
- Valve system can be stable by outputting analog feedback signal.
- Various valve characteristics such as linear, quick open , equal percentage are available.
- PID parameters can be adjusted easily in the field only by button without communicator.
- It has the protection grade of IP 66.

Smart Positioner YT-2300R (Rotary Type)

Ordering Symbols: YT-2300R

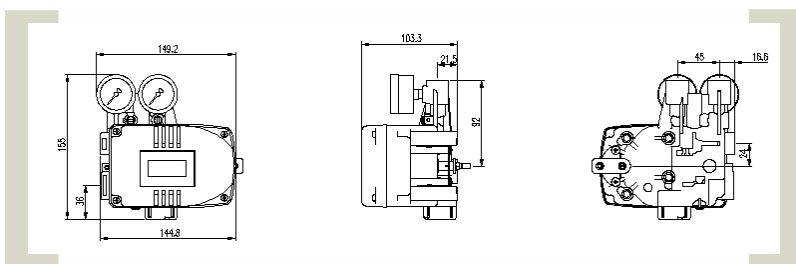


Model	Acting Type	Explosion Proof	Lever Type	Connection Type	Communication	Option
YT-2300 R	Single Acting	Non-Explosion	M6×40L	PT	NONE	NONE
	Double Acting	ExiaIIC T6	M6×63L	NPT	HART	+ Transmitter
			M8×40L			
			M8×63L			
			NAMUR			



Specifications

Item.Type	Single	Double
Input Signal	4-20mA DC, 4-12mA DC	
Supply Pressure	1.4~7kgf/cm ² (0.14~0.7MPa)	
Stroke	0~60°, 0~90°	
Impedance	Max 500 Ohm/20mA DC	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp	-30~85 °C (-22~185° F)	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Air Consumption	Below 2LPM(sup=1.4K) Below 3LPM(sup=7K)	
Flow Capacity	70LPM	
LCD	Storage Temp	-30~85 °C (-22~185° F)
	Operating Temp	-10~70 °C (14~158° F)
Output Characteristics	Linear, EQ%, Quick Open User set(16Point)	
Material	Aluminum Diecasting	
Protection	IP66	
Explosion Proof	ExiaIIC T6	
Weight	1.5kg(3.3lb)	

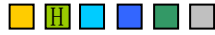


YT-2300R Smart Valve Positioner controls valve stroke accurately according to input signal of 4-20mA being input from controller. In addition, highly efficient microprocessing operator built in the product performs various and powerful functions like Auto calibration, PID control, Alarm and Hart protocol.

- LCD attached outside of the product makes to inspect the state of positioner in the field.
- All kinds of information for valve and positiner can be processed with using Hart communication.
- Valve system can be stable by outputting analog feedback signal.
- Various valve characteristics such as linear, quick open , equal percentage are available.
- PID parameters can be adjusted easily in the field only by button without communicator.
- It has the protection grade of IP 66.

Smart Positioner YT-2400L (Linear Type)

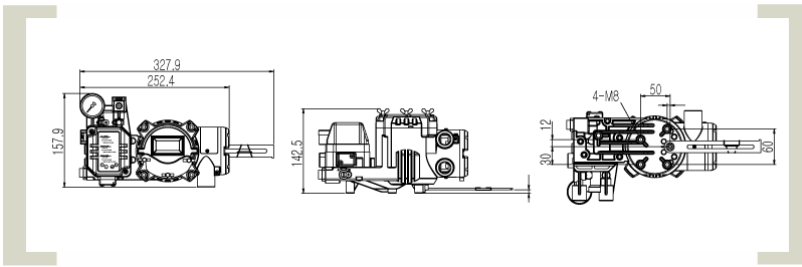
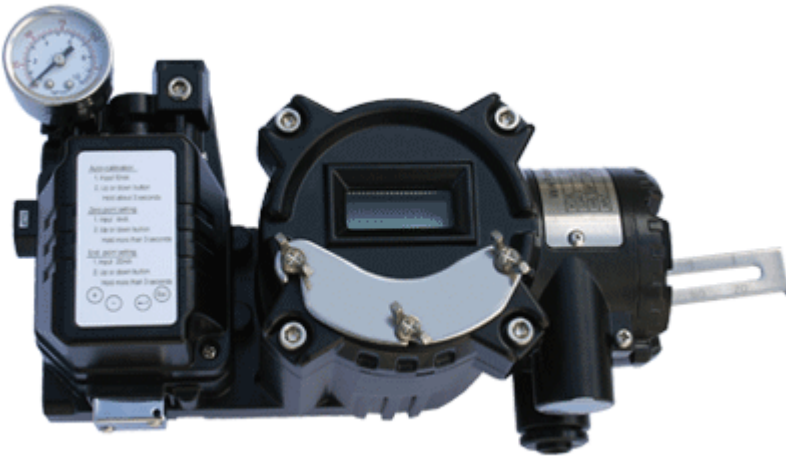
Ordering Symbols: YT-2400L



Model	Acting Type	Explosion Proof	Lever Type	Connection Type	Communication	Option
YT-2400 L	Single Acting	ExdII BT6+H2	10~40mm	PT	NONE	NONE
	Double Acting		20~70 mm	NPT	HART	+ Transmitter
			50~100 mm			+ Limit Switch
			100~150 mm			+ Transmitter With Limit Switch

Specifications

Item.Type	Single	Double
Input Signal	4-20mA DC	
Supply Pressure	1.4~7kgf/cm ² (0.14~0.7MPa)	
Stroke	10~150mm	
Impedance	Max.500 Ohm/20mA DC	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp	-20~70 °C (-4~158 °F)	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Air Consumption	Below 2LPM(sup=1.4K) Below 3LPM(sup=7K)	
Flow Capacity	70LPM	
LCD	Storage Temp	-30~85 °C (-22~185 °F)
	Operating Temp	-10~70 °C (14~158 °F)
Output Characteristics	Linear, EQ%, Quick Open User set(16Point)	
Material	Aluminum Diecasting	
Protection	IP66	
Explosion Proof	ExdII BT6+H2	
Weight	3.35kg(7.37lb)	

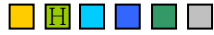


YT-2400L Smart Valve Positioner controls valve stroke accurately according to input signal of 4-20mA being input from controller. In addition, highly efficient microprocessing operator built in the product performs various and powerful functions like Auto calibration, PID control, Alarm and Hart protocol.

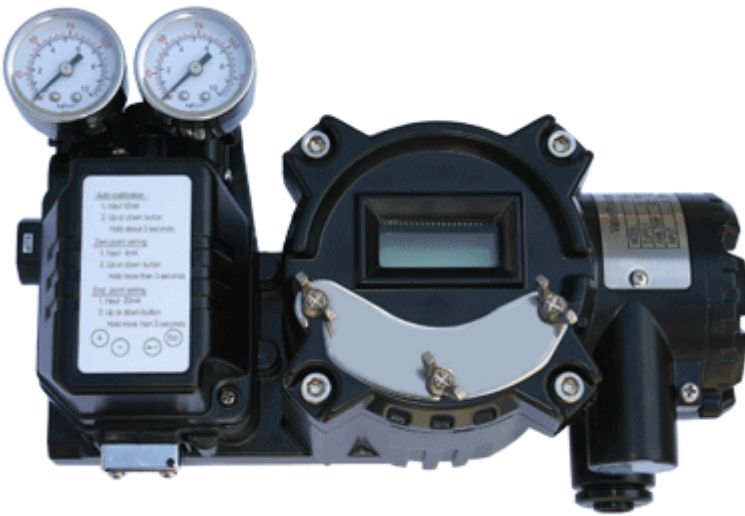
- LCD attached outside of the product makes to inspect the state of positioner in the field.
- All kinds of information for valve and positiner can be processed with using Hart communication.
- Valve system can be stable by outputting analog feedback signal.
- Various valve characteristics such as linear, quick open , equal percentage are available.
- PID parameters can be adjusted easily in the field only by button without communicator.

Smart Positioner YT-2400R (Rotary Type)

Ordering Symbols: YT-2400R

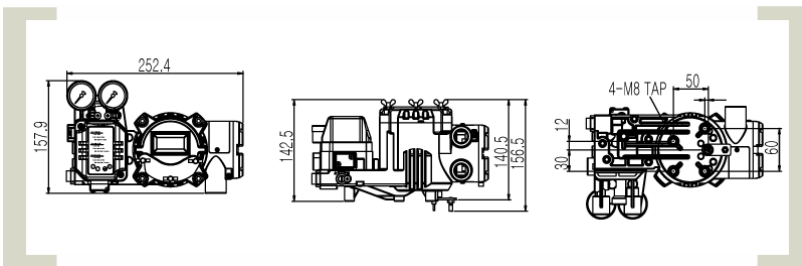


Model	Acting Type	Explosion Proof	Lever Type	Connection Type	Communication	Option
YT-2400 R	Single Acting	ExdII BT6+H2	M6×40L	PT	NONE	NONE
	Double Acting		M6×63L	NPT	HART	+ Transmitter
			M8×40L			+ Limit Switch
			M8×63L			+ Transmitter With Limit Switch
			NAMUR			



Specifications

Item.Type	Single	Double
Input Signal	4-20mA DC, 4-12mA DC	
Supply Pressure	1.4~7kgf/cm ² (0.14~0.7MPa)	
Stroke	0~60°, 0~90°	
Impedance	Max 500 Ohm/20mA DC	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp	-20~70 °C (-4~158 °F)	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Air Consumption	Below 2LPM(sup=1.4K) Below 3LPM(sup=7K)	
Flow Capacity	70LPM	
LCD	Storage Temp	-30~85 °C (-22~185 °F)
	Operating Temp	-10~70 °C (14~158 °F)
Output Characteristics	Linear, EQ%, Quick Open User set(16Point)	
Material	Aluminum Diecasting	
Protection	IP66	
Explosion Proof	ExdII BT6+H2	
Weight	3.35kg(7.37lb)	

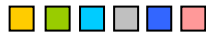


YT-2400R Smart Valve Positioner controls valve stroke accurately according to input signal of 4-20mA being input from controller. In addition, highly efficient microprocessing operator built in the product performs various and powerful functions like Auto calibration, PID control, Alarm and Hart protocol.

- LCD attached outside of the product makes to inspect the state of positioner in the field.
- All kinds of information for valve and positioner can be processed with using Hart communication.
- Valve system can be stable by outputting analog feedback signal.
- Various valve characteristics such as linear, quick open, equal percentage are available.
- PID parameters can be adjusted easily in the field only by button without communicator.

Electro-Pneumatic Positioner YT-1000L (Linear Type)

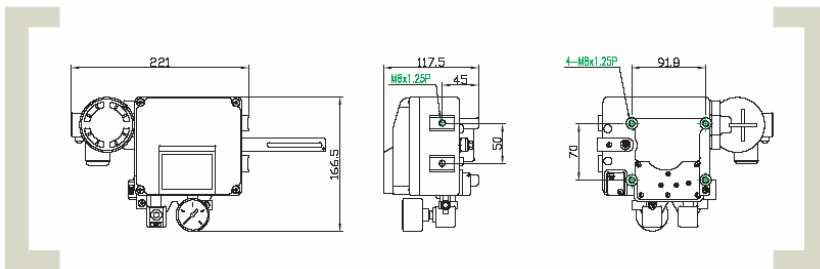
Ordering Symbols: YT-1000L



Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp
YT-1000 L	S Single Acting	m ExdmIIBT6	1 Below 40mm	1 Below 90 cm ²	1 PT	S -20℃~70℃
	D Double Acting	e ExdmICT6	2 40-70 mm	2 90-180 cm ²	2 NPT	H -20℃~120℃
		i ExialIBT6	3 70-100 mm	3 Over 180 cm ²		L -40℃~70℃
		n Non-Explosion	4 100-130 mm	5 130-150 mm		

Specifications

Item.Type	Single	Double
Input Signal	4-20mA DC	
Impedance	250±15 Ohm	
Supply Pressure	1.4~7kgf/cm ² (20~100psi)	
Stroke	10~150mm	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Explosion Proof	Ex dm IIB T6 Ex dm IIC T6 Ex ia IIB T6	
Protection	IP66	
Ambient Temp	-20℃~70℃(Standard)	
Linearity	±1% F.S.	±2% F.S.
Hysteresis	±1% F.S.	
Sensitivity	±0.2% F.S.	±0.5% F.S.
Repeatability	±0.5% F.S.	
Air Consumption	3LPM (Sup=1.4kgf/cm ² , 20psi)	
Flow Capacity	80LPM(Sup=1.4kgf/cm ² , 20psi)	
Material	Aluminum Diecasting	
Weight	2.7kg(6.1lb)	



The Electro-Pneumatic Positioner YT-1000L is used for operation of pneumatic linear valve actuators by means of electrical controller or control system with an analog output signal of DC 4 to 20 mA or split Ranges.

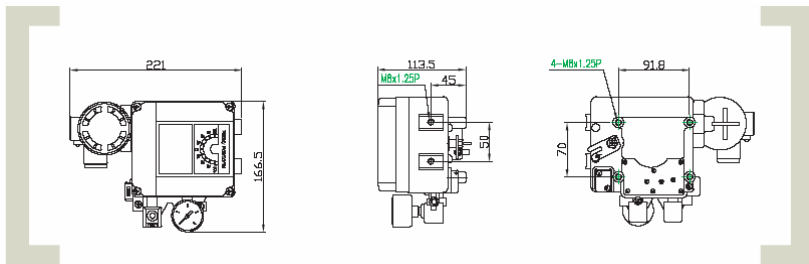
- There is no resonance at 5~200Hz.
- The change of RA/DA Action is convenient, it is able to apply to single or double acting actuator.
- It is possible to prevent the hunting with orifice to the small size actuator.
- It is economical due to less air consumption.
- It is able to control the 1/2 split range with simple operation without replacement of parts.

Electro-Pneumatic Positioner YT-1000R (Rotary Type)

Ordering Symbols: YT-1000R



Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1	Option2
YT-1000R	S Single Acting	m ExdmIIBT6	1 M6×40L	1 Below 90 cm ²	1 PT	S -20℃ ~ 70℃	0 NONE(St'd)	0 NONE
	D Double Acting	e ExdmIICT6	2 M6×63L	2 90~180 cm ²	2 NPT	H -20℃ ~ 120℃	1 Dome Cover	1 +PTM(Internal)
		i ExialIBT6	3 M8×40L	3 Over 180 cm ²		L -40℃ ~ 70℃		2 +PTM(External)
		n Non-Explosion	4 M8×63L					3 +L/S(Internal)
			5 NAMUR					4 +L/S(External)
								5 +PTM+L/S(Internal)



Specifications

Item.Type	Single	Double
Input Signal	4-20mA DC	
Impedance	250±15 Ohm	
Supply Pressure	1.4~7kgf/cm ² (20~100psi)	
Stroke	0~90°, 0~60°	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Explosion Proof	Ex dm IIB T6 Ex dm IIC T6 Ex ia IIB T6	
Protection	IP66	
Ambient Temp	-20℃ ~ 70℃ (Standard)	
Linearity	±1% F.S.	±2% F.S.
Hysteresis	±1% F.S.	
Sensitivity	±0.2% F.S.	±0.5% F.S.
Repeatability	±0.5% F.S.	
Air Consumption	3LPM(Sup=1.4kgf/cm ² , 20psi)	
Flow Capacity	80LPM(Sup=1.4kgf/cm ² , 20psi)	
Material	Aluminum Diecasting	
Weight	2.8kg(6.2lb)	

The Electro-Pneumatic Positioner YT-1000R is used for operation of pneumatic rotary valve actuators by means of electrical controller or control systems with an analog output signal of DC 4 to 20mA or split ranges.

- There is no resonance at 5~200Hz.
- The change of RA/DA Acting is convenient, it is able to apply to single or double acting actuator.
- It is possible to prevent the hunting with orifice to the small size actuator.
- It is economical due to less air consumption.
- It is able to control the 1/2 split range with simple operation without replacement of parts.

Electro-Pneumatic Positioner YT-1000R (Dome Cover)

Ordering Symbols: YT-1000R

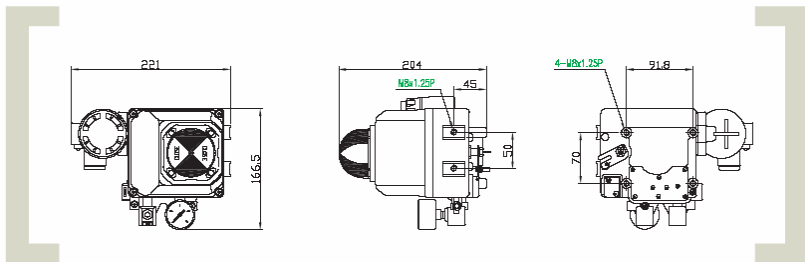


Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1	Option2
YT-1000R	S Single Acting	m ExdmIIBT6	1 M6×40L	1 Below 90 cm ²	1 PT	S -20℃~70℃	0 NONE(St'd)	0 NONE
	D Double Acting	c ExdmIICT6	2 M6×63L	2 90~180 cm ²	2 NPT	H -20℃~120℃	1 Dome Cover	1 +PTM(Internal)
		i ExialIBT6	3 M8×40L	3 Over 180 cm ²		L -40℃~70℃		2 +PTM(External)
		n Non-Explosion	4 M8×63L					3 +L/S(Internal)
			5 NAMUR					4 +L/S(External)
								5 +PTM+L/S(Internal)



Specifications

Item.Type	Single	Double
Input Signal	4-20mA DC	
Impedance	250±15 Ohm	
Supply Pressure	1.4~7kgf/cm ² (20~100psi)	
Stroke	0~90°, 0~60°	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Explosion Proof	Ex dm IIB T6 Ex dm IIC T6 Ex ia IIB T6	
Protection	IP66	
Ambient Temp	-20℃~70℃ (Standard)	
Linearity	±1% F.S.	±2% F.S.
Hysteresis	±1% F.S.	
Sensitivity	±0.2% F.S.	±0.5% F.S.
Repeatability	±0.5% F.S.	
Air Consumption	3LPM(Sup=1.4kgf/cm ² , 20psi)	
Flow Capacity	80LPM(Sup=1.4kgf/cm ² , 20psi)	
Material	Aluminum Diecasting	
Weight	2.8kg(6.2lb)	



The Electro-Pneumatic Positioner YT-1000R is used for operation of pneumatic rotary valve actuators by means of electrical controller or control systems with an analog output signal of DC 4 to 20 mA or split ranges and Dome Indicator is attached.

- The confirmation of positioner's operating angle is possible by watching in the long distance due to Dome Indicator.
- The change of RA/DA Action is convenient, it is able to apply to single or double acting actuator.
- It is possible to prevent the hunting with orifice to the small actuator.
- It is economical due to less air consumption.
- It is able to control the 1/2 split range with simple operation without replacement of parts.

Electro-Pneumatic Positioner YT-1000R with PTM (Internal)

Ordering Symbols: YT-1000R

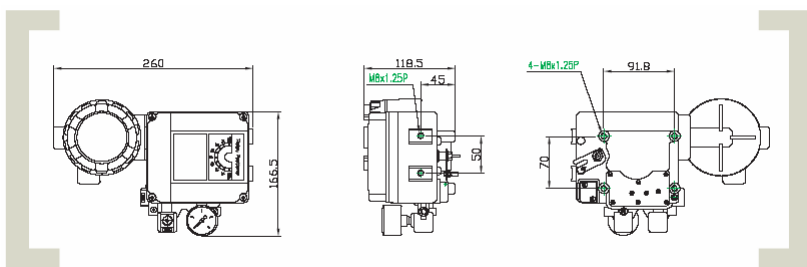


Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1	Option2	
YT-1000R	S Single Acting	m ExdmlIBT6	1 M6×40L	1 Below 90 cm ²	1 PT	S -20℃ ~ 70℃	0 St'd Indicator	0 NONE	
	D Double Acting	c ExdmlICT6	2 M6×63L	2 90~180 cm ²	2 NPT	H -20℃ ~ 120℃	1 Dome Indicator	1 +PTM(Internal)	
		i ExiallBT6	3 M8×40L	3 Over 180 cm ²		L -40℃ ~ 70℃		2 +PTM(External)	
		n Non-Explosion	4 M8×63L						3 +L/S(Internal)
			5 NAMUR						4 +L/S(External)
							5 +PTM+L/S(Internal)		



Specifications

PTM	Input Type	2Wire
	Input Signal	90°
	Output Signal	4-20mA DC
	Load Resistance	0~600 Ohm
	Noise Range	50mVp.p
	Adjustable Range	Zero : ±10% Span : 60~110%
	Protection	IP66
	Linearity	±1%
	Sensitivity	±0.2%
	Hysteresis	±0.2%
	Supply Voltage	15~30V DC
	Explosion Proof	Non-Explosion
Positioner	Same With YT-1000R (Page11)	



The Electro-Pneumatic Positioner YT-1000R is used for operation of pneumatic rotary valve actuators by means of electrical controller or control systems with an analog output signal of DC 4 to 20mA or split ranges. And position transmitter which is built internally outputs present opening rate with changing this to current signal of DC 4~20mA.

- Stability of the system is improved by output current signal of positioner.
- It isn't necessary any other extra bracket for position transmitter.
- The change of RA/DA Action is convenient, it is able to apply to single or double acting actuator.
- It is possible to prevent the hunting with orifice to the small size actuator.
- It is economical due to less consumption.

Electro-Pneumatic Positioner YT-1000R with PTM (External)

Ordering Symbols: YT-1000R

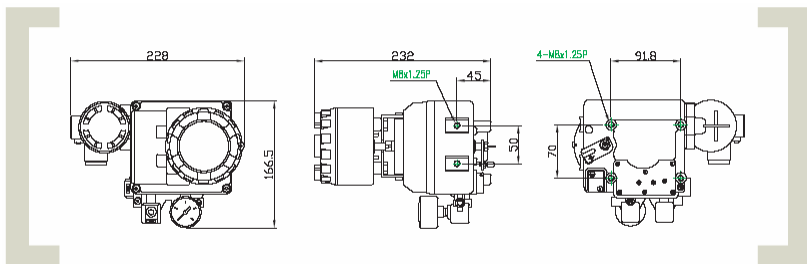


Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1	Option2	
YT-1000R	S Single Acting	m ExdmlIBT6	1 M6×40L	1 Below 90 cm ²	1 PT	S -20℃ ~ 70℃	0 St'd Indicator	0 NONE	
	D Double Acting	c ExdmlICT6	2 M6×63L	2 90~180 cm ²	2 NPT	H -20℃ ~ 120℃	1 Dome Indicator	1 +PTM(Internal)	
		i ExiallBT6	3 M8×40L	3 Over 180 cm ²		L -40℃ ~ 70℃		2 +PTM(External)	
		n Non-Explosion	4 M8×63L						3 +L/S(Internal)
			5 NAMUR						4 +L/S(External)
							5 +PTM+L/S(Internal)		



Specifications

PTM	Input Type	2Wire
	Input Signal	90°
	Output Signal	4-20mA DC
	Load Resistance	0~600 Ohm
	Noise Range	50mVp.p
	Adjustable Range	Zero : ±10% Span : 60~110%
	Explosion Proof	Exd II CT6
	Protection	IP67
	Linearity	±1%
	Sensitivity	±0.2%
	Hysteresis	±0.2%
	Supply Voltage	15~30V DC
Positioner	Same with YT-1000R (Page 11)	



The Electro-Pneumatic Positioner YT-1000R is used for operation of pneumatic rotary valve actuators by means of electrical controller or control systems with an analog output signal of DC 4 to 20mA or split ranges. And Positon Transmitter which is built internally outputs present opening rate with changing this to current signal of DC 4~20mA maintaining explosion proof type.

- Stability of system is improved by the position transmitter which outputs current signal of positoner's operating and feedback to controller.
- It isn't necessary extra bracket for positon transmitter, and it is ablt to manage positioner and transmitter repectively.
- It is able to use in the environment with explosive gas due to explosion-proof structure.
- The change of RA/DA Action is convenient, it is able to apply to single or double acting actuator.
- It is possible to prevent the hunting with orifice to the small size actuator.

Electro-Pneumatic Positioner YT-1000R with L/S (Internal)

Ordering Symbols: YT-1000R

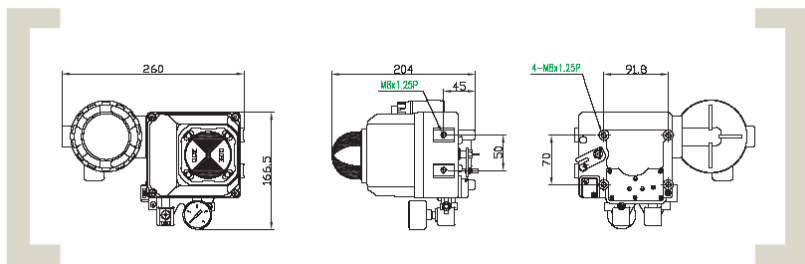


Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1	Option2
YT-1000R	S Single Acting	m ExdmlIBT6	1 M6×40L	1 Below 90 cm ²	1 PT	S -20℃ ~ 70℃	0 St'd Indicator	0 NONE
	D Double Acting	c ExdmlICT6	2 M6×63L	2 90~180 cm ²	2 NPT	H -20℃ ~ 120℃	1 Dome Indicator	1 +PTM(Internal)
		i ExiallBT6	3 M8×40L	3 Over 180 cm ²		L -40℃ ~ 70℃		2 +PTM(External)
		n Non-Explosion	4 M8×63L					3 +L/S(Internal)
			5 NAMUR					4 +L/S(External)
								5 +PTM+L/S(Internal)



Specifications

Limit	Rating	AC 0.6A 125V~16A
Switch	Switch Type	2 x SPDT
Positioner	Same with YT-1000R (Page11)	



The Electro-Pneumatic Positioner YT-1000R is used for operation of pneumatic rotary valve actuators by means of electrical controller or control systems with an analog output signal of DC 4 to 20mA or split ranges and Limit Switch is attached internally.

- It is able to get feedback of electrical signal in setting particular opening point due to built in Limit Switch.
- It isn't necessary extra bracket for Limit Switch, and it is convenient to install and maintain.
- The confirmation of positioner's opening rate is possible in the long distance due to Dome Indicator.
- The change of RA/DA Action is convenient, it is able to apply to single or double acting actuator.
- It is possible to prevent the hunting with orifice to the small size actuator.

Electro-Pneumatic Positioner YT-1000R with L/S (External)

Ordering Symbols: YT-1000R

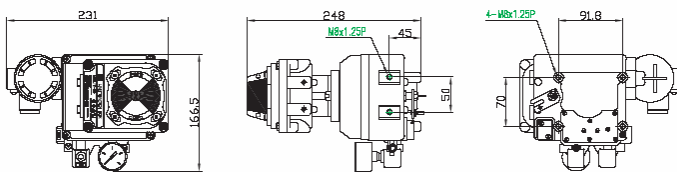


Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1	Option2
YT-1000R	S Single Acting	m ExdmlIBT6	1 M6×40L	1 Below 90 cm ³	1 PT	S -20℃ ~ 70℃	O St'd Indicator	0 NONE
	D Double Acting	e ExdmlICT6	2 M6×63L	2 90~180 cm ³	2 NPT	H -20℃ ~ 120℃	I Dome Indicator	1 +PTM(Internal)
		i ExiallBT6	3 M8×40L	3 Over 180 cm ³		L -40℃ ~ 70℃		2 +PTM(External)
		n Non-Explosion	4 M8×63L					3 +L/S(Internal)
			5 NAMUR					4 +L/S(External)
							5 +PTM+L/S(Internal)	



Specifications

Limit	Rating	AC 0.6A 125V-16A
Switch	Switch Type	2 x SPDT
	Temperature Rating	-40℃ ~ 85℃
Positioner	Same with YT-1000R (Page11)	



The Electro-Pneumatic Positioner YT-1000R is used for operation of pneumatic rotary valve actuators by means of electrical controller or control systems with an analog output signal of DC 4 to 20mA or split ranges and Limit switch is attached externally.

- It is able to manage Positioner and Limit switch respectively.
- It isn't necessary extra bracket for Limit switch.
- The change of RA/DA Action is convenient, it is able to apply to single or double acting and actuator.
- It is possible to prevent the hunting with orifice to the small size actuator.
- It is economical due to less air consumption.

Electro-Pneumatic Positioner YT-1000R with PTM & L/S (Internal)

Ordering Symbols: YT-1000R

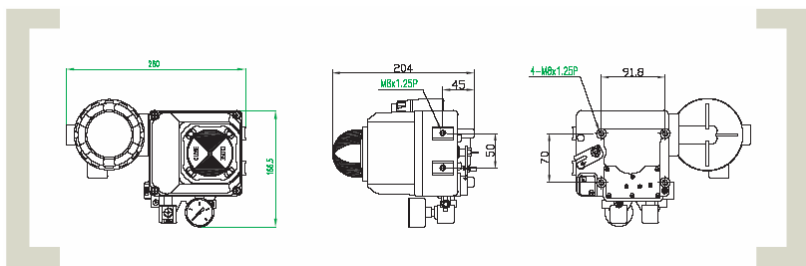


Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1	Option2
YT-1000R	S Single Acting	m ExdmlIBT6	1 M6×40L	1 Below 90 cm ²	1 PT	S -20℃ ~ 70℃	0 NONE(St'd)	0 NONE
	D Double Acting	c ExdmlICT6	2 M6×63L	2 90~180 cm ²	2 NPT	H -20℃ ~ 120℃	1 Dome Cover	1 +PTM(Internal)
		i ExiallBT6	3 M8×40L	3 Over 180 cm ²		L -40℃ ~ 70℃		2 +PTM(External)
		n Non-Explosion	4 M8×63L					3 +L/S(Internal)
				5 NAMUR				4 +L/S(External)
								5 +PTM+L/S(Internal)



Specifications

PTM	Input Type	2Wire
	Input Signal	0~90°
	Output Signal	4-20mA DC
	Load Resistance	0~600 Ohm
	Noise Range	50mVp.p
	Adjustable Range	Zero : ±10% Span : ±60~110%
	Protection	IP66
	Linearity	±1%
	Sensitivity	±0.2%
	Hysteresis	±0.2%
Supply Voltage	15~30V DC	
Limit	Rating	AC 0.6A 125V~16A 250V
Switch	Switch type	2x SPDT
Positioner	Same with YT-1000R (Page11)	



The Electro-Pneumatic Positioner YT-1000R is used for operation of pneumatic rotary valve actuators by means of electrical controller or control systems with an analog output signal of DC 4 to 20mA or split ranges and Position transmitter & Limit switch is attached internally.

- Stability of system is improved by built in Position transmitter and Limit switch.
- It isn't necessary extra bracket for Position transmitter or Limit switch.
- The confirmation of positioner's operating angle is possible by watching in the long-distance due to Dome indicator.
- The change of RA/DA Action is convenient, it is able to apply to single or double acting and actuator.
- It is possible to prevent the hunting with orifice to the small size actuator.

Electro-Pneumatic Positioner YT-1000R with PTM & L/S (External)

Ordering Symbols: YT-1000R

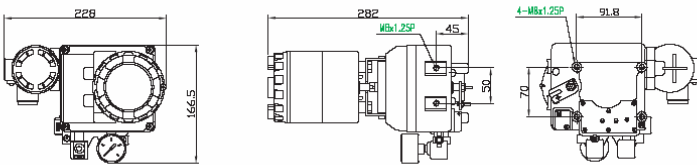


Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1	Option2
YT-1000R	S Single Acting	m ExdIIIBT6	1 M6×40L	1 Below 90 cm ³	1 PT	S -20℃ ~ 70℃	O St'd Indicator	0 NONE
	D Double Acting	e ExdIIICT6	2 M6×63L	2 90~180 cm ³	2 NPT	H -20℃ ~ 120℃	I Dome Indicator	1 +PTM(Internal)
		i ExialIBT6	3 M8×40L	3 Over 180 cm ³		L -40℃ ~ 70℃		2 +PTM(External)
		n Non-Explosion	4 M8×63L					3 +L/S(Internal)
			5 NAMUR				4 +L/S(External)	
								5 +PTM+L/S(Internal)
								6 +PTM+L/S(External)



Specifications

PTM	Item.Type	PTM 6R
	Input Type	2Wire
	Input Signal	0~90°
	Output Signal	4-20mA DC
	Load Resistance	0~600 Ohm
	Supply Voltage	15~30V DC
	Noise Range	50mVp.p
	Conduit	PF1/2(G1/2)
	Explosion Proof	ExdIICT6
	Ambient Temp	-20℃ ~ 70℃ (-4~158°F)
	Linearity	±1%F.S.
	Sensitivity	±0.2% F.S.
	Hysteresis	±0.2% F.S.
Material	Aluminum	
Limit	Rating	0.6A 125V~16A 250V AC
Switch	Switch Type	2x SPDT
Positioner	Same with YT-1000R (Page11)	



The Electro-Pneumatic positioner YT-1000R is used for operation of pneumatic rotary valve actuators by means of electrical controller or control systems with an analog output signal of DC 4 to 20mA or split ranges and Position transmitter & Limit switch is attached externally.

- Stability of system is improved by built in Position transmitter and Limit switch.
- It is not necessary extra bracket of Position transmitter or Limit switch.
- The change of RA/DA Action is convenient, it is able to apply to single or double acting and actuator.
- It is possible to prevent the hunting with orifice to the small size actuator.

Electro-Pneumatic Positioner YT-1300L (Linear Type)

Ordering Symbols: YT-1300L

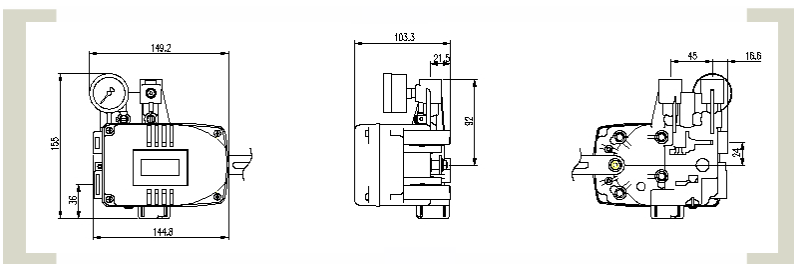


Model	Acting Type	Explosion Proof	Lever Type	Connection Type	Option
YT-1300L	<input type="checkbox"/> Single Acting	<input type="checkbox"/> Non-Explosion	<input type="checkbox"/> 1 10~40mm	<input type="checkbox"/> 1 PT	<input type="checkbox"/> NONE
	<input type="checkbox"/> Double Acting	<input type="checkbox"/> Ex ia IIC T6	<input type="checkbox"/> 2 20~70 mm	<input type="checkbox"/> 2 NPT	<input type="checkbox"/> 1 + Transmitter
			<input type="checkbox"/> 3 50~100 mm		<input type="checkbox"/> 2 + Limit Switch
			<input type="checkbox"/> 5 100~150 mm		<input type="checkbox"/> 3 + Transmitter With Limit Switch



Specifications

Item.Type	Single	Double
Input Signal	4-20mA DC	
Supply Pressure	1.4~7kgf/cm ² (20~100psi)	
Stroke	10~150mm	
Impedance	Max.500 Ohm/20mA DC	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Repeatability	±0.3%F.S.	
Ambient Temp	-30~85 °C	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.1% F.S.	
Material	Aluminum Diecasting	
Protection	IP66	
Weight	1.5kg(3.3lb)	



YT-1300L E/P Positioner controls valve stroke accurately by 4-20mA current signal being input from controller. It has built-in electronic circuit and P, D control circuit to prevent hunting. And Position transmitter and Limit switch are easily added optionally, which is time and cost-effective when it is applied in the field.

- It endures severe vibration and so it can be applied to almost every lines.
- Most suitable accuracy and dynamic characteristics are available by PD control.
- Valve system is stabilized by outputting analog feedback with option.
- The variable orifice makes to settle the problems easily which can be solved by attaching speed control valve.
- Limit switch is added with ease.

Electro-Pneumatic Positioner YT-1300R (Rotary Type)

Ordering Symbols: YT-1300R

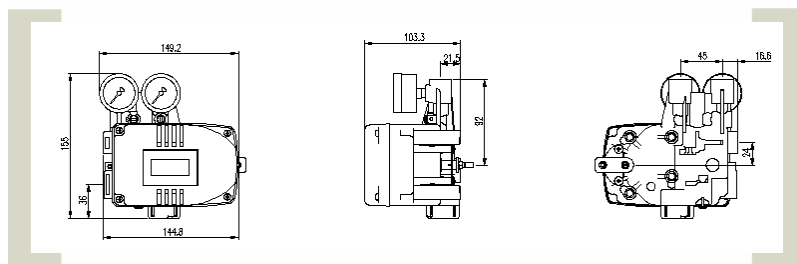


Model	Acting Type	Explosion Proof	Lever Type	Connection Type	Option
YT-1300 R	S Single Acting	Ex ia Non-Explosion	1 M6×40L	1 PT	<input type="checkbox"/> NONE
	D Double Acting	Ex ia IIC T6	2 M6×63L	2 NPT	1 +Transmitter
			3 M8×40L		2 +Limit Switch
			4 M8×63L		3 +Transmitter With Limit Switch
			5 NAMUR		



Specifications

Item.Type	Single	Double
Input Signal	4-20mA DC	
Supply Pressure	1.4~7kgf/cm ² (20~100psi)	
Stroke	0~60°, 0~90°	
Impedance	Max 500 Ohm/20mA DC	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Repeatability	±0.3%F.S.	
Ambient Temp	-30~85 °C	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.1% F.S.	
Material	Aluminum Diecasting	
Protection	IP66	
Weight	1.5kg(3.3lb)	

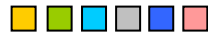


YT-1300R E/P Positioner controls valve stroke accurately by 4-20mA current signal being input from controller. It has built-in electronic circuit and P, D control circuit to prevent hunting. And Position transmitter and Limit switch are easily added optionally, which is time and cost-effective when it is applied in the field.

- It endures severe vibration and so it can be applied to almost every lines.
- Most suitable accuracy and dynamic characteristics are available by PD control.
- Valve system is stabilized by outputting analog feedback with option.
- The variable orifice makes to settle the problems easily which can be solved by attaching speed control valve.
- Limit switch is added with ease.

Pneumatic- Pneumatic Positioner YT-1200L (Linear Type)

Ordering Symbols: YT-1200L

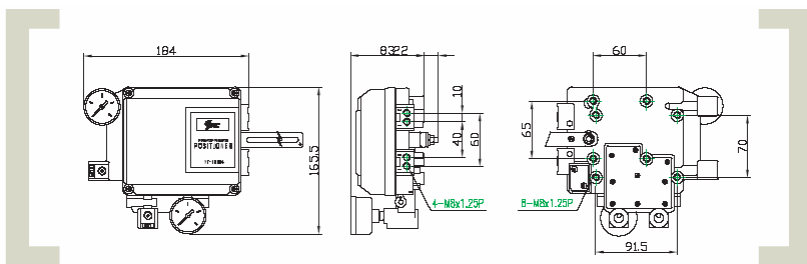


Model	Acting Type	Lever Type	Orifice Type	Connection Type	Ambient Temp
YT-1200L	Single Acting	Below 40mm	Below 90 cm ²	PT	-30℃~85℃
	Double Acting	40~70 mm	90~180 cm ²	NPT	-20℃~120℃
		70~100 mm	Over 180 cm ²		-40℃~70℃
		100~130 mm			
		130~150 mm			



Specifications

Item.Type	Single	Double
Input Signal	0.2~1kgf/cm ² (3~15psi)	
Supply Pressure	1.4~7kgf/cm ² (20~100psi)	
Stroke	10~150mm	
Air Connection	PT (NPT) 1/4	
Gauge Connection	PT (NPT) 1/8	
Protection	IP66	
Ambient Temp	-30~85℃ (-22~185°F)	
Linearity	±1% F.S.	±2% F.S.
Hysteresis	±1% F.S.	
Sensitivity	±0.2% F.S.	±0.5% F.S.
Repeatability	±0.5% F.S.	
Air Consumption	3LPM (Sup=1.4kgf/cm ² , 20psi)	
Flow Capacity	80LPM (Sup=1.4kgf/cm ² , 20psi)	
Material	Aluminum Diecasting	
Weight	1.7kg(3.1lb)	



The Pneumatic positioner YT-1200L is used for pneumatic linear valve actuators by means of pneumatic controller or control systems with an output signal of 3 to 5psi or split ranges.

- Size is compact.
- The change of RA/DA Action is convenient, it is able to apply to single or double acting actuator.
- It is possible to prevent the hunting with orifice to the small size actuator.
- It is economical due to less air consumption.
- It is able to control the 1/2 split range with simple operation without replacement of parts.

Air Filter Regulator YT-200, YT-250

Ordering Symbols: YT-200



Model	Adjustable Range	Connection Type	Gauge	Ambient Temp
YT-200	A 0~4.2kgf/cm ²	P PT1/4	0 NONE	1 Standard
YT-250	B 0~8.4kgf/cm ²	N NPT1/4	1 4Kgf/cm ²	2 Max. 100 °C
	C 0~2.1kgf/cm ²		2 10Kgf/cm ²	



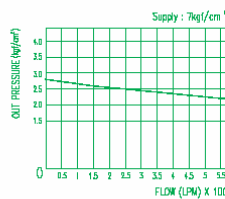
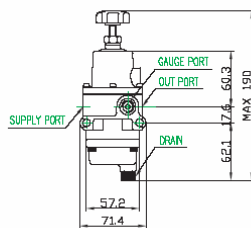
YT-200



YT-250

Specifications

Item.Type	YT-200		YT-250
	A	B	C
Max. Supply Pressure	15kgf/cm ² (231psi)		
Max. Output Pressure	4.2kgf/cm ² (57psi)	8.4kgf/cm ² (120psi)	2.1kgf/cm ²
Air Connection	PT(NPT)1/4		
Gauge Connection	PT(NPT)1/4		
Ambient Temp	-15~70°C (5~158°F)		-20~70°C (-4~158°F)
Min. Filtering Size	5micron		
Material	Aluminum Diecasting		Stainless Steel(STS)
Weight	0.6kg(1.7lb)		1.3kg(2.9lb)



Air filter regulator YT-200, YT-250 reduces the supply pressure of plant's main air line suitably and supplies valve positioner or control device.

- maintains the stable outlet pressure regardless of the fluctuation of inputting pressure or flow rate.
- It is easy to install and maintain due to light weight and small size.
- To filter minuteness particle is available with 5 micron filter.
- There is relief function which discharges to atmosphere if the outlet pressure is higher than setting pressure.
- YT-250 has relief function which discharges to atmosphere if the outlet pressure is higher than setting pressure.

Volume Booster YT-300 / YT-310

Ordering Symbols: YT-300 /YT-310 ■ ■ ■

Model	Connection Type	Ambient Temp	Material
YT-300	■ PT	■ Standard	■ Aluminum
YT-310	■ NPT	■ Max.100°C	■ Stainless Steel (STS316)



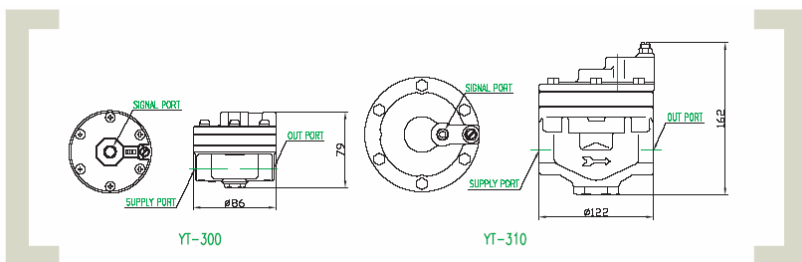
YT-300



YT-310

Specifications

Item.Type	YT-300	YT-310
Max.Supply Pressure	10kgf/cm ² (142psi)	
Max.Output Pressure	7kgf/cm ² (100psi)	10kgf/cm ² (142psi)
In / Output Pressure Ratio	1:1	
Flow Capacity(Cv)	1.02	4.98
In / Output Connection	PT(NPT)1/4	(NPT)3/4
Signal Connection	PT(NPT)1/4	
Port Size	1/4"	1/2"
Linearity	±1%(F.S.)	
Ambient Temp	-20~70°C (-4~158°F)	
Material	Aluminum Diecasting / STS316	
Weight	0.5kg(1.1 lb)	2.3kg(5.1lb)



YT-300(SUS)

YT-310(SUS)

Volume booster YT-300 and YT-310 makes the valve function's speed fast with providing large air flow rate to actuator.

- Speed and accuracy is excellent with supplying air pressure at the rate of 1:1 steadily.
- It makes to improve the stability with control of By-Pass.
- It is an acute reflection of the change of signal pressure.
- It has a fixed deadband because this is controlled by the seat-to-seat dimension of the supply and exhaust plugs.

Lock up Valve YT-400

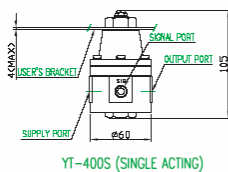
Ordering Symbols: YT-400

Model	Acting Type	Connection Type
YT-400	S Single Acting	PT1/4
	D Double Acting	NPT1/4

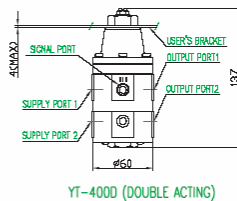


Specifications

Item.Type	Single	Double
Signal Pressure	Max.10kgf / cm ² (142psi)	
Pressure Range	1.4~7kgf/cm ² (20~100psi)	
Lock-up Pressure	Max.7kgf / cm ² (100psi)	
Differential Pressure	Below 0.1kgf/cm ² (1.4psi)	
Ambient Temp	-20~70℃ (-4~158°F)	
Air Connection	PT(NPT) 1/4	
Material	Aluminum Diecasting	
Weight	0.45kg(0.33lb)	0.7kg



YT-400S (SINGLE ACTING)



YT-400D (DOUBLE ACTING)

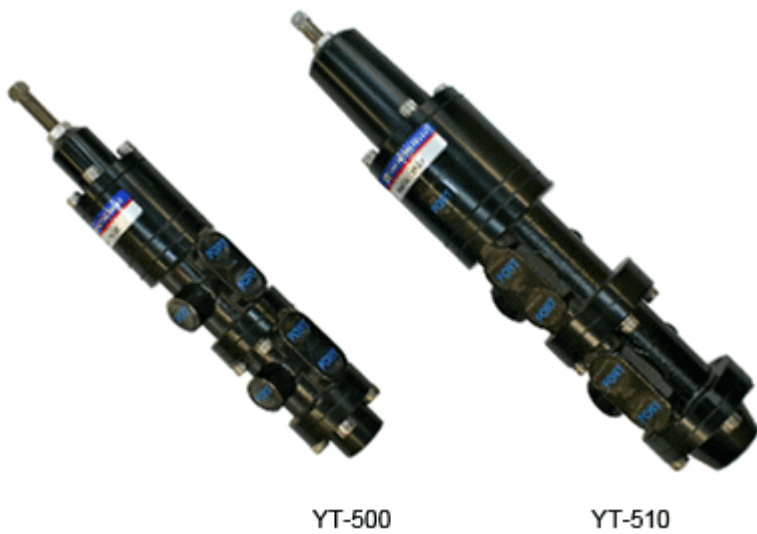
Lock up valve YT-400 closes the passage of air flow piping with sensing the pressure of main supply pressure when the pressure is lower than the setting pressure due to accident and so forth.

- It is able to install with metal piping without extra bracket due to small size and light weight.
- YT-400 reacts susceptibly at the minute differential pressure below 0.1kgf/cm².
- Corrosion resistance is excellent with epoxy powder coating.
- For special type, it is able to attach Limit switch or Indicator which makes to catch whether YT-400 is opened or shut.

Snap Acting Relay YT-500 / YT-510

Ordering Symbols: YT-500 / YT510 ■ ■ ■

Model	Acting Type	Connection Type	Material
YT-500	S Single	PT PT	1 Standard
YT-510	D Double	NPT NPT	2 Stainless Steel



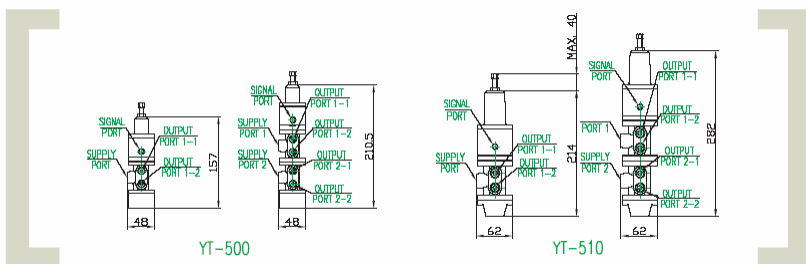
YT-500

YT-510

Specifications

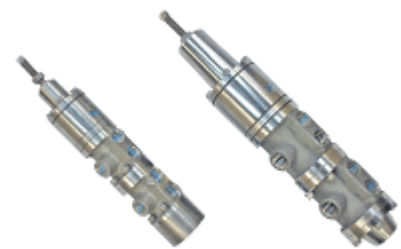
Item.Type	YT-500	
	Single	Double
Signal	1.4~7kgf/cm ²	
Max.Supply Pressure	10kgf/cm ² (142psi)	
Signal Connection	PT(NPT) 1/8	
In / Out Connection	PT(NPT) 1/4	
Ambient Temp	-20°C ~65°C (-4~150°F)	
Weight	0.8kg(1.7lb)	1.2kg(2.6lb)

Item.Type	YT-510	
	Single	Double
Signal	1.4~7kgf/cm ²	
Max.Supply Pressure	10kgf/cm ² (142psi)	
Signal Connection	PT(NPT) 1/8	
In / Out Connection	PT(NPT) 3/4	
Ambient Temp	-20°C ~65°C (-4~150°F)	
Weight	2.1kg(4.6lb)	3.3kg(7.3lb)



YT-500

YT-510



YT-500(SUS)

YT-510(SUS)

Snap acting relay YT-500 and YT-510 makes to change the direction of supplying air flow rate from one output port to the other port when the sensing signal pressure is lower than setting pressure.

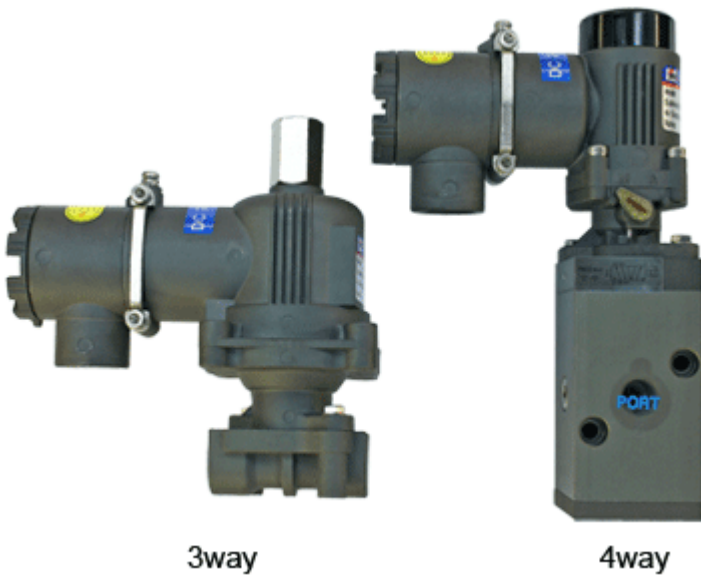
- YT-500 and YT-510 makes to switch promptly sensing minute differential pressure correctly.
- It is able to send pressure or flow rate from device to the other device.
- It is able to lock the actuator in its last position.
- Actuator and stem is able to extend and connect.
- For special type, it is able to manufacture the stainless steel product for corrosion atmosphere or seawater.

Solenoid Valve YT-700

Ordering Symbols: YT-700



Model	Valve Type	Connection Type	Power Source	Pressure
YT-700	S 3 Way	P PT1/4	1 AC 110V	1 0~4kgf/cm ² (3Way)
	D 4 Way	N NPT1/4	2 AC 220V	2 0~7kgf/cm ² (3 Way)
			3 DC 24V	3 1.5~8kgf/cm ² (4 Way)

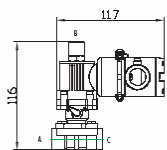


3way

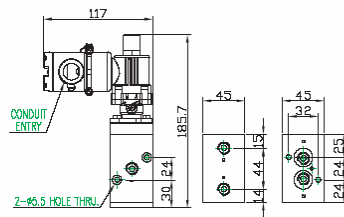
4way

Specifications

Item.Type		YT-700	
		3 Way	4 Way
Max. Supply Pressure		0~7kgf/cm ²	1.5~8kgf/cm ²
Rating Current	AC 220V	100mA	63mA
	AC 110V	160mA	70mA
	DC 24V	290mA	160mA
Explosion Proof		ExdIICT6	
Connection Type		PT(NPT) 1/4	
Conduit		PF 1/2(G1/2)	



YT-700S (3 WAY)



YT-700D (4 WAY)

Solenoid valve YT-700 operates opening and shutting by electrical signal of AC or DC and has explosion-proof structure.

- It is not necessary to supply lubricating oil due to special O-ring.
- Replacement is easy to design the coil of AC, DC is applicable for same Enclosure.
- Backing spring is not necessary due to usage of Balance Spool type.
- Operating test is possible when the power source is cutoff, because Manual button is attached.

Position Transmitter PTM-5VL / PTM-5VR

Ordering Symbols: PTM-5V

Model	Actuator Motion	Explosion Proof	Lever Type	
			Linear	Rotary
PTM-5V	 Linear	 Ex ia IIC T6	 1 20~60mm	 1 Standard
	 Rotary		 2 50~100 mm	 2 NAMUR
			 3 100~150 mm	

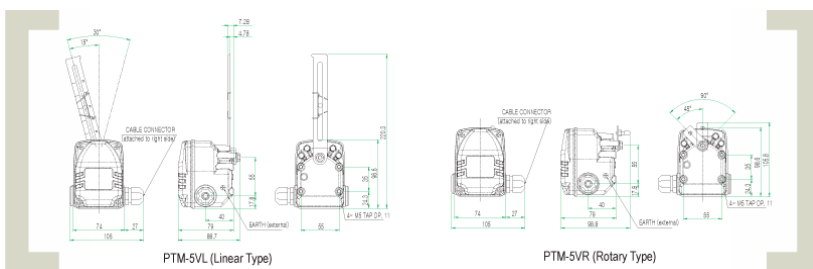
Specifications

Item.Type	PTM-5VL	PTM-5VR
Input Type	2 Wire	
Input Signal	0~30°	0~90°
Output Signal	4~20mA DC	
Impedance	0~600 Ohm	
Supply Voltage	10~30V DC	
Noise Range	50mV p.p	
Conduit	PF 1/2(G1/2)	
Protection	IP67	
Ambient Temp	-30℃ ~85℃ (-22~185°F)	
Linearity	±1% F.S.	
Hysteresis	±0.2% F.S.	
Sensitivity	±0.2% F.S.	
Material	Aluminum Casting	
Weight	0.6kg(1.3lb)	



PTM-5VL

PTM-5VR



PTM-5VL (Linear Type)

PTM-5VR (Rotary Type)

Electronic Position Transmitter PTM-5V senses mechanical position change of stem being on the valve or similar device and converts to current signal of DC4~20mA outputs.

- Compact design&durability.
- Wiring is convenient due to 2 wire type.
- It has high resolution and reliability.
- The controlling range of Zero and Span is large, so adjustment is convenient.
- It is possible to change RA/DA with changing position of dip-switch without replacement of any parts.

Position Transmitter PTM-6VL / PTM-6VR (Flameproof Type)

Ordering Symbols: PTM-6V ■ ■ ■

Model	Actuator Motion	Explosion Proof	Lever Type	
			Linear	Rotary
PTM-6V	■ Linear	■ ExdIICT6	1 20~70mm	1 Standard
	■ Rotary		2 60~110 mm	2 NAMUR
			3 100~150 mm	



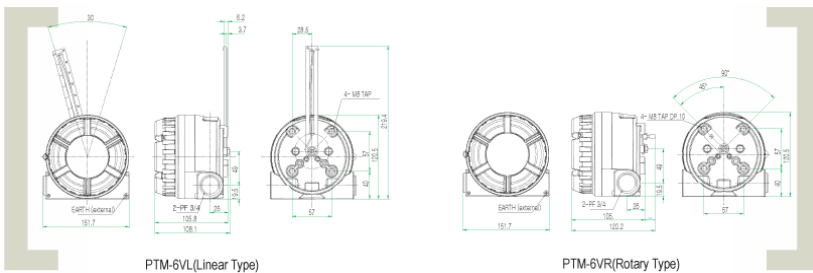
PTM-6VL



PTM-6VR

Specifications

Item.Type	PTM-6VL	PTM-6VR
Input Type	2 Wire	
Input Signal	0~30°	0~90°
Output Signal	4~20mA DC	
Impedance	0~600 Ohm	
Supply Voltage	10~30V DC	
Noise Range	50mV p.p	
Conduit	PF 1/2(G1/2)	
Protection	IP67	
Explosion Proof	ExdIICT6	
Ambient Temp	-20℃ ~70℃ (-4~158°F)	
Linearity	±1% F.S.	
Hysteresis	±0.2% F.S.	
Sensitivity	±0.2% F.S.	
Material	Aluminum Casting	
Weight	1.2kg(2.7lb)	




PTM-6VL(Linear Type)





PTM-6VR(Rotary Type)

Electronic Position Transmitter PTM-6V senses mechanical position change of stem being on the valve or similar device and converses to current signal of DC 4~20mA outputs. It is flameproof type.

- Wiring is convenient due to 2 wire type.
- It has high resolution and reliability.
- The controlling range of Zero and Span is large, so adjustment is convenient.
- It is possible to change RA/DA with changing position of dip-switch without replacement of any parts.

Position Transmitter PTM-6VR with Limit Switch (Flameproof Type)

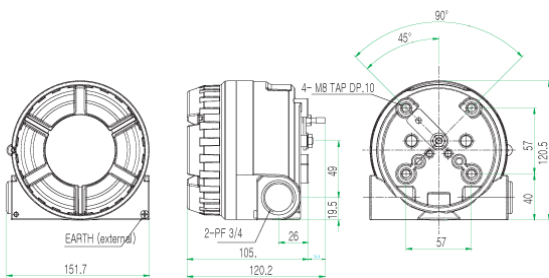
Ordering Symbols: PTM-6VR   

Model	Option	Explosion Proof	Lever Type
PTM-6VR	 Limit Switch	 ExdIICT6	 Standard  NAMUR



Specifications

Item.Type	PTM-6VRL	
PTM	Connection Type	2Wrie
	Input Signal	0-90°
	Output Signal	4-20mA DC
	Supply Voltage	15~30V DC
	Noise Range	50mV pp
	Conduit	PF 1/2 (G 1/2)
	Ambient Temp	-20°C ~ 70°C (-4~158°F)
	Linearity	±1% F.S
	Hysteresis	±0.2% F.S
	Sensitivity	±0.2% F.S
L/S	Rating	AC 0.6A 125V~16A 250V
	Swich Type	2x SPDT
	Temperature Rating	-40~85°C
Explosion Proof	ExdIICT6	
Protection	IP67	
Material	Aluminum	
Weight	1.3kg (2.9 lb)	

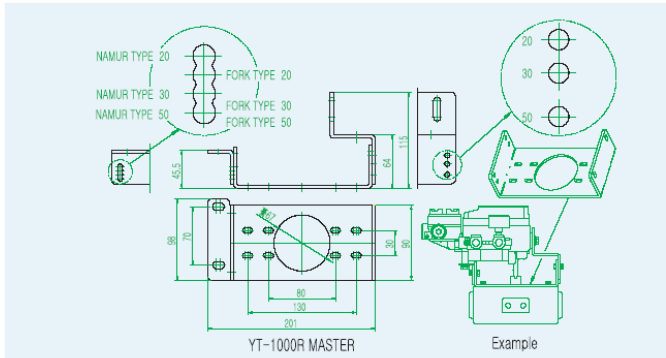


Electronic Position Transmitter PTM-6VR senses mechanical position change of stem being on the valve or similar device and converses to current signal of DC 4~20mA outputs. It is flame proof type and Limit switch is attached internally.

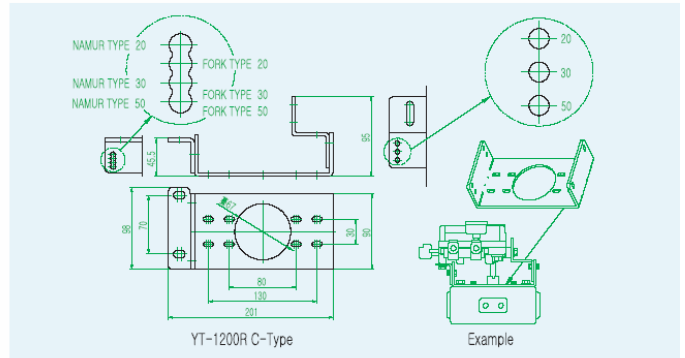
- Mechanical Limit Switch is built in the Position transmitter, so it is not necessary bracket for Limit switch and wiring is simple.
- Wiring is convenient due to 2 wire type.
- It has high resolution and reliability.
- The controlling range of Zero and Span is large, so adjustment is convenient.
- It is possible to change RA/DA with changing position of dip-switch without replacement of any parts.

Option

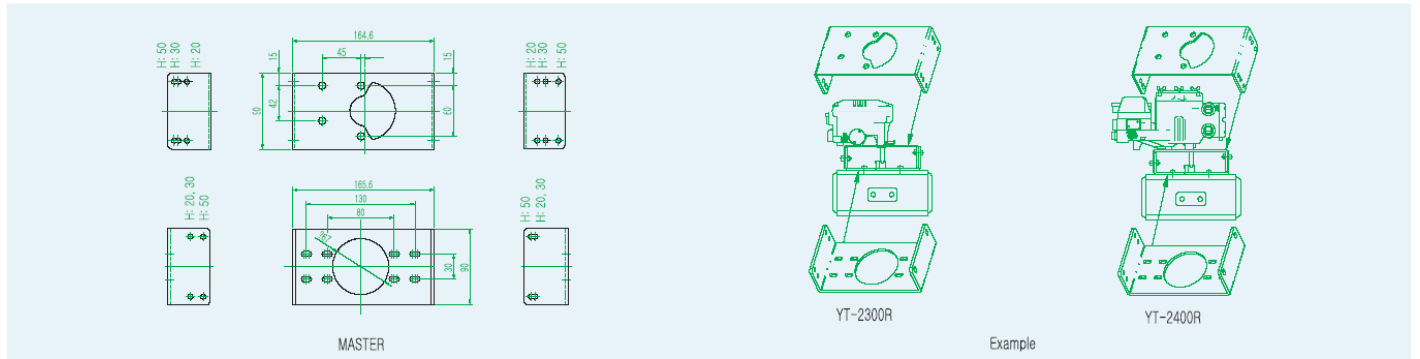
YT-1000R Bracket Series



YT-1200R Bracket Series



YT-2300R & 2400R Bracket Series



Positioner Lever Series

Linear Type

Type 1, 2, 3

Type 4, 5

Lever Type	Stroke(mm)	L1(mm)	L2(mm)	W(mm)
1	20~40	130	89	16
2	30~70	185	125	18
3	60~100	265		
4	100~130	335		
5	130~150	390		

YT-1000 & 1200 Linear Type

Rotary Type

Type 1, 2, 3, 4

LEVER TYPE	L1 (mm)	L2 (mm)	M
1	40	15	M6
2	63	37	
3	40	15	M8
4	63	37	

Linear Type

Type 1, 2, 3

Type 4

Lever Type	Stroke(mm)	L1(mm)	L2(mm)
1	10~40	93	76.5
2	20~70	153.5	113
3	50~100	214	123.5
4	100~150	307.3	

YT-2300 & 2400 Linear Type

Namur Type

LEVER TYPE	L1 (mm)	L2 (mm)	L3 (mm)
YT-1000	7	11	35.5
YT-1200	7	11	35.5
YT-2300	4	8	42.5
YT-2400			

Position Transmitter Lever Series

Linear Type

TYPE - 1, 2

TYPE - 3

LEVER TYPE	STROKE (mm)	L1 (mm)
1	20 ~ 60	149
2	50 ~ 100	209.5
3	100 ~ 150	214

PTM-5V Linear Type

Rotary Type

PTM-5V Rotary Type

Linear Type

TYPE - 1, 2

TYPE - 3

LEVER TYPE	STROKE (mm)	L (mm)
1	20 ~ 70	151
2	60 ~ 110	223.6
3	100 ~ 150	301.3

PTM-6V Linear Type



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