

since 1996

## Control Valve Accessories

Smart Positioner  
Electro-Pneumatic Positioner  
Pneumatic-Pneumatic Positioner

Air Filter Regulator  
Volume Booster  
Lock Up Valve  
Snap Acting Relay

Electronic Position Transmitter  
Solenoid Valve  
Limit Switch Box



YOUNG TECH Co., Ltd.

Electro-Pneumatic  
**POSITIONER**

www.ytc.co.kr  
YOUNG TECH Co., Ltd.  
in Korea

# YOUNG TECH

2011.03

PORT

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## History

- 1996.01 Established Young Tech Co., Ltd.
- 1996.05 Produced the Electro-pneumatic positioner YT-1000L, R
- 1999.04 Produced the Smart positioner YT-2000L, R
- 1999.10 Certified EM (Excellent Machine, Mechanism & Materials) on Electro-pneumatic positioner YT-1000L, R (from Korean Government)
- 2000.01 Certified ISO 9001:1994
- 2000.04 Certified Venture Business (from Korean Government)
- 2001.08 Certified KEMA on Electro-pneumatic positioner YT-1000L, R (EEx dm IIB T4)
- 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)
- 2003.02 Certified ISO 9001:2000
- 2003.10 Certified ATEX Explosion proof (EEx dm IIB T5) on E/P Positioner YT-1000
- 2004.01 Established R&D lab
- 2004.12 Joined foundation fieldbus association
- 2005.01 Certified CSA Explosion proof Ex md IIB T5 on E/P positioner YT-1000 series
- 2005.01 Certified TIIS (Janpan) Explosion proof IIB T5 on E/P positioner YT-1000 series
- 2005.09 Selected as Approved Korea Hydro & Nuclear Power Co., Ltd. Parts Vendor List.
- 2006.09 Certified ATEX&IECEx explosion proof on smart positioner YT-2400 series
- 2007.06 Certified ATEX&IECEx explosion proof on smart positioner YT-2300 series
- 2008.04 Certified FM explosion proof on electro-pneumatic positioner YT-1000L, R
- 2008.04 Produced the fail freeze type smart positioner YT-2500 series
- 2009.02 Certified ATEX explosion proof on Limit Switch Box YT-870
- 2009.10 Produced the T/M type smart positioner YT-3300, YT-3400 Series
- 2010.01 Certified ISO 9001: 2008
- 2011.01 Certified SIL on volume booster YT-300 Series
- 2011.02 Expansion to New-built Young Tech Co.,LTD factory building



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# Certifications



**TUV ISO 9001**



**CE**



**ATEX**



**IECEx**



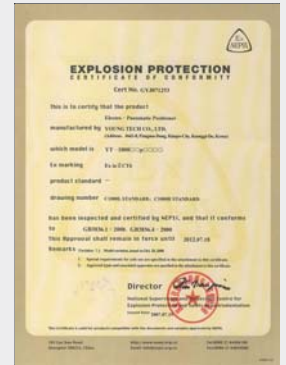
**FM**



**TIIS**



**CSA**



**NEPSI**



**INMETRO**



**GOST**



**SIL**



**KTL**

## Certifications



\* Each certification is available at their correspond domain and/or our home page URL at [www.ytc.co.kr](http://www.ytc.co.kr).

Product	Model	Cert.Type	Explosion Proof Type
Electro- Pneumatic Positioner	YT-1000	ATEX	II 2G EEx dm IIB T5
		FM	XP-S/II/1/CD/T5 Ta=60°C; DIP/II,III/1/EFG/T5 Ta=60°C ;Type 4X
		TIIS	IIB T5
		CSA	Ex md IIB T5
		NEPSI	Ex ia IIC T6,
			Ex dmb IIC T6
		KTL	Ex dmb IIB T5
			Ex dmb IIC T5
		Ex ia IIB T6	
		INMETRO	Ex md IIB T5
CE			
YT-1050	KTL	Ex dmb IIB T5	
Smart Positioner	YT-2300	ATEX	II 2G Ex ia IIC T5/ T6
		IECEX	Ex ia IIC T5/ T6
		NEPSI	Ex ia IIC T5/ T6
		KTL	Ex ia IIC T5/ T6
		CE	
	YT-2400	ATEX	Ex d IIB T6
		IECEX	Ex d IIB T6
		CSA	Ex d IIB T6
		NEPSI	Ex d IIB+H2 T6
		KTL	Ex d IIB+H2 T6
	CE		
	YT-2500	KTL	Ex ia IIC T5/ T6 IP66
		NEPSI	Ex ia IIC T5/ T6
		SIL	SIL2
		EMC	
	CE		
	YT-2600	KTL	Ex d IIC T5/T6 IP66
	YT-2700	KTL	Ex ia IIC T5/ T6
	YT-3300	ATEX	Certification is in progress
	YT-3400	ATEX	II 2G Ex db IIC T5/T6 II 2D Ex tb IIIC T85°C / 100°C
KTL		Ex d IIC T5/T6 IP66	
CE			
Solenoid Valve	YT-700	KTL	Ex d IIC T6
Positione Transmitter	PTM-5V	KTL	Ex ia IIC T6
	SPTM-5V	KTL	Ex ia IIC T6 IP67
	PTM-6V	KOSHA	Ex d IIC T6 IP66
	SPTM-6V	KTL	Certification is in progress
Limit Switch	YT-870	ATEX	II 2G Ex db IIC T6 II 2D Ex tb IIIC T85°C
		KOSHA	Ex d IIC T6 IP67
	YT-875	ATEX	II 2G Ex db IIC T6 II 2D Ex tb IIIC T85°C
Volume Booster	YT-3..Series	SIL	SIL3
CE			
Air Filter Regulator	YT-200 YT-205	CE	
Lock Up Valve	YT-400 YT-405	CE	

# Smart Positioner YT-3300

Product Number: YT-3300         (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option1	Option2	Ambient Temp
				Linear	Rotary					
YT-3300	<b>L</b> Linear	<b>S</b> Single	<b>n</b> Non-Explosion	<b>1</b> 20~100mm	<b>5</b> NAMUR	<b>1</b> PT	<b>0</b> NONE	<b>0</b> NONE	<b>0</b> Non Gauge Block	<b>S</b> -30°C~ 85°C
	<b>R</b> Rotary	<b>D</b> Double	<b>i</b> Ex ia IIC T6/T5	<b>2</b> 90~150mm		<b>2</b> NPT	<b>2</b> + HART	<b>1</b> + PTM	<b>1</b> With Gauge Block & 2Gauge	<b>L</b> -40°C~ 85°C
				<b>3</b> 16~30mm(Adapter Type)				<b>2</b> + L/S(Mechanical Type)	<b>2</b> With Gauge Block & 3Gauge	
				<b>4</b> 16~60mm(Adapter Type)				<b>3</b> + L/S(Proximity Type)		
				<b>5</b> 16~100mm(Adapter Type)				<b>4</b> + PTM+L/S(Mechanical Type)		
							<b>5</b> + PTM+L/S(Proximity Type)			



YT-3300  
(Non-gauge block type)



Gauge block & 2gauge

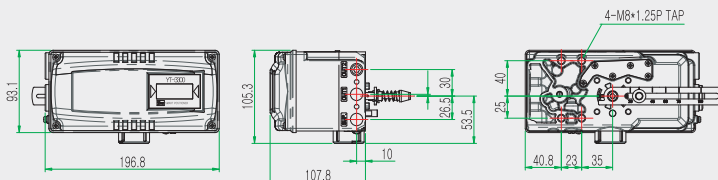


YT-3300+L/S  
(With gauge block & 2gauge type)



Gauge block & 3gauge

Item · Type	YT-3300L	YT-3300R
Input Signal	4~20mA DC	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	20~150mm	0 ~ 90°
Impedance	Max.450Ω @ 20mA DC	
Air Connection	PT(NPT)1/4	
Gauge Connection	PT(NPT)1/8	
Conduit	PF1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp.	Operating Temp.	-30°C ~ 85°C (-22~185° F)
	Explosion Temp.	-40~40°C(T6) / -40~60°C(T5)
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Air Consumption	Below 2LPM (sup=0.14MPa)	
Flow Capacity	70 LPM	
Output Characteristics	Linear, EQ%, Quick Open user set (16 Point)	
Material	Aluminum Diecasting	
Enclosure	IP66	
Explosion Proof type	Ex ia IIC T6 / T5	
Weight	2kg (4.4lb)	



YT-3300 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4-20mA being delivered from controller.

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

# Smart Positioner YT-3400

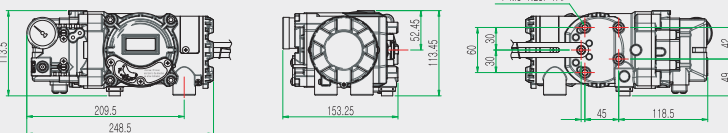
Product Number: YT-3400                 (specify your requirement)

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



YT-3400L

Item · Type	YT-3400L	YT-3400R
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)	
Repeatability	±0.3% F.S.	
Ambient Temp.	Operating Temp.	-30°C ~ 85°C (-22~185° F)
	Explosion Temp.	-40°C~70°C(T6) / -40°C~85°C(T5)
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Air Consumption	Below 2LPM (sup=0.14MPa)	
Flow Capacity	70LPM	
Output Characteristics	Linear, EQ%, Quick Open user set (16 Point)	
Material	Aluminum Diecasting	
Enclosure	IP66	
Explosion Proof type	Ex d IIC T6 / T5	
Weight	3.4kg (7.5lb)	



YT-3400 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4-20mA being delivered from controller.

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

# Smart Positioner YT-2300

Product Number: YT-2300        (specify your requirement)

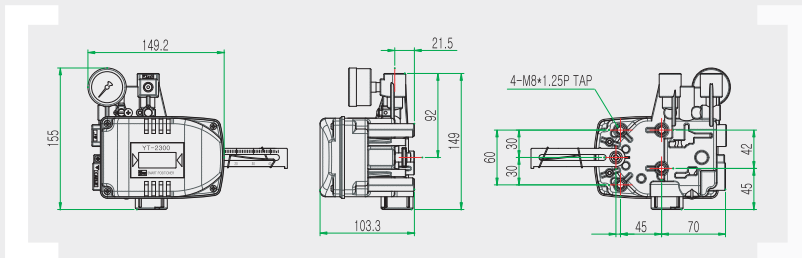
Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option
				Linear	Rotary			
YT-2300	<span style="border: 1px solid black; padding: 2px;">L</span> Linear	<span style="border: 1px solid black; padding: 2px;">S</span> Single	<span style="border: 1px solid black; padding: 2px;">n</span> Non-Explosion	<span style="border: 1px solid black; padding: 2px;">1</span> 10~40mm	<span style="border: 1px solid black; padding: 2px;">1</span> M6×34L	<span style="border: 1px solid black; padding: 2px;">1</span> PT	<span style="border: 1px solid black; padding: 2px;">0</span> NONE	<span style="border: 1px solid black; padding: 2px;">0</span> NONE
	<span style="border: 1px solid black; padding: 2px;">R</span> Rotary	<span style="border: 1px solid black; padding: 2px;">D</span> Double	<span style="border: 1px solid black; padding: 2px;">i</span> Ex ia IIC T6/T5	<span style="border: 1px solid black; padding: 2px;">2</span> 20~70mm	<span style="border: 1px solid black; padding: 2px;">2</span> M6×63L	<span style="border: 1px solid black; padding: 2px;">2</span> NPT	<span style="border: 1px solid black; padding: 2px;">2</span> +HART	<span style="border: 1px solid black; padding: 2px;">1</span> +PTM
				<span style="border: 1px solid black; padding: 2px;">3</span> 50~100mm	<span style="border: 1px solid black; padding: 2px;">3</span> M8×34L			
				<span style="border: 1px solid black; padding: 2px;">4</span> 100~150mm	<span style="border: 1px solid black; padding: 2px;">4</span> M8×63L			
					<span style="border: 1px solid black; padding: 2px;">5</span> NAMUR			



YT-2300R



Item · Type	YT-2300L	YT-2300R
Input Signal	4~20mA DC	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	10~150mm	0 ~ 90°
Impedance	Max.460Ω @ 20mADC	
Air Connection	PT(NPT)1/4	
Gauge Connection	PT(NPT)1/8	
Conduit	PF1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp.	Operating Temp.	-30°C ~ 80°C (-22~176° F)
Temp.	Explosion Temp.	-40~40°C(T6) / -40~60°C(T5)
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% 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	1.5kg (3.3lb)	



YT-2300 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4-20mA being delivered from controller.

- Auto calibration
- PID control
- LCD display
- HART communication
- Feedback signal
- Variable orifice
- 4 buttons for local control
- Auto/Manual switch

# Smart Positioner YT-2400 (flameproof type)

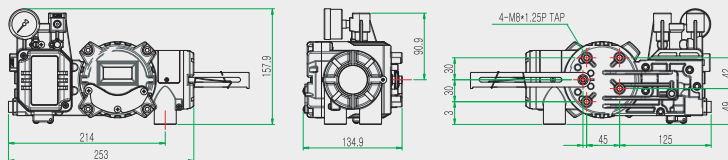
Product Number: YT-2400                 (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option
				Linear	Rotary			
YT-2400	<span style="border: 1px solid black; padding: 0 2px;">L</span> Linear	<span style="border: 1px solid black; padding: 0 2px;">S</span> Single	<span style="border: 1px solid black; padding: 0 2px;">H</span> Exd IIB(+H <sub>2</sub> )T6	<span style="border: 1px solid black; padding: 0 2px;">1</span> 10~40mm	<span style="border: 1px solid black; padding: 0 2px;">1</span> M6×34L	<span style="border: 1px solid black; padding: 0 2px;">1</span> PT	<span style="border: 1px solid black; padding: 0 2px;">0</span> NONE	<span style="border: 1px solid black; padding: 0 2px;">0</span> NONE
	<span style="border: 1px solid black; padding: 0 2px;">R</span> Rotary	<span style="border: 1px solid black; padding: 0 2px;">D</span> Double		<span style="border: 1px solid black; padding: 0 2px;">2</span> 20~70mm	<span style="border: 1px solid black; padding: 0 2px;">2</span> M6×63L			
				<span style="border: 1px solid black; padding: 0 2px;">3</span> 50~100mm	<span style="border: 1px solid black; padding: 0 2px;">3</span> M8×34L			<span style="border: 1px solid black; padding: 0 2px;">2</span> +L/S
				<span style="border: 1px solid black; padding: 0 2px;">4</span> 100~150mm	<span style="border: 1px solid black; padding: 0 2px;">4</span> M8×63L			<span style="border: 1px solid black; padding: 0 2px;">3</span> +PTM+L/S(Without HART)
					<span style="border: 1px solid black; padding: 0 2px;">5</span> NAMUR			



YT-2400R

Item · Type	YT-2400L	YT-2400R
Input Signal	4~20mA DC	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	10~150mm	0 ~ 90°
Impedance	Max.430Ω @ 20mA DC	
Air Connection	PT(NPT)1/4	
Gauge Connection	PT(NPT)1/8	
Conduit	PF1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp.	Operating Temp.	-30°C ~ 80°C (-22~176° F)
	Explosion Temp.	-20°C ~60°C (-4 ~140° F)
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% 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 d IIB(+H <sub>2</sub> ) T6	
Weight	3.35kg (7.37lb)	



YT-2400 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4-20mA being delivered from controller.

- Auto calibration
- PID control
- LCD display
- HART communication
- Feedback signal
- Limit switches
- 4 buttons for local control
- Auto/Manual switch
- Variable orifice

# Smart Positioner YT-2500 / YT2550

Product Number: YT-2500 / YT2550        (specify your requirement)

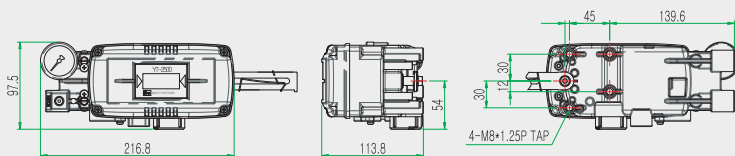
Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option	Fail Option
				Linear	Rotary				
YT-2500	<span style="border: 1px solid black; padding: 0 2px;">L</span> Linear	<span style="border: 1px solid black; padding: 0 2px;">S</span> Single	<span style="border: 1px solid black; padding: 0 2px;">n</span> Non-Explosion	<span style="border: 1px solid black; padding: 0 2px;">1</span> 10~40mm	<span style="border: 1px solid black; padding: 0 2px;">1</span> M6 × 34L	<span style="border: 1px solid black; padding: 0 2px;">1</span> PT	<span style="border: 1px solid black; padding: 0 2px;">0</span> NONE	<span style="border: 1px solid black; padding: 0 2px;">0</span> NONE	<span style="border: 1px solid black; padding: 0 2px;">F</span> Fail Freeze
YT-2550	<span style="border: 1px solid black; padding: 0 2px;">R</span> Rotary	<span style="border: 1px solid black; padding: 0 2px;">D</span> Double	<span style="border: 1px solid black; padding: 0 2px;">i</span> Ex ia IIC T6/T5	<span style="border: 1px solid black; padding: 0 2px;">2</span> 20~70mm	<span style="border: 1px solid black; padding: 0 2px;">2</span> M6 × 63L	<span style="border: 1px solid black; padding: 0 2px;">2</span> NPT	<span style="border: 1px solid black; padding: 0 2px;">2</span> + HART	<span style="border: 1px solid black; padding: 0 2px;">1</span> + PTM	<span style="border: 1px solid black; padding: 0 2px;">S</span> Fail Safe
				<span style="border: 1px solid black; padding: 0 2px;">3</span> 50~100mm	<span style="border: 1px solid black; padding: 0 2px;">3</span> M8 × 34L				
				<span style="border: 1px solid black; padding: 0 2px;">4</span> 100~150mm	<span style="border: 1px solid black; padding: 0 2px;">4</span> M8 × 63L				
					<span style="border: 1px solid black; padding: 0 2px;">5</span> NAMUR				
						<span style="border: 1px solid black; padding: 0 2px;">2</span> + L/S(Mechanical Type)			
		<span style="border: 1px solid black; padding: 0 2px;">3</span> + L/S(Proximity Type)							
		<span style="border: 1px solid black; padding: 0 2px;">4</span> + PTM+L/S(Mechanical Type)							
		<span style="border: 1px solid black; padding: 0 2px;">5</span> + PTM+L/S(Proximity Type)							



YT-2500R



YT-2550R



Item · Type	YT-2500	YT-2550
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.460Ω @ 20mA DC	
Air Connection	PT(NPT)1/4	
Gauge Connection	PT(NPT)1/8	
Conduit	PF1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp.	Operating Temp.	-30°C ~ 80°C (-22~176 ° F)
	Explosion Temp.	-40~40°C(T6) / -40~60°C(T5)
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Air Consumption	0.01LPM (sup=0.14MPa)	
Flow Capacity	60 LPM(sup=0.14MPa)	
Output Characteristics	Linear, EQ%, Quick Open user set (16 Point)	
Material	Aluminum Diecasting	Stainless steel 316
Enclosure	IP66	
Explosion Proof type	Ex ia IIC T6 / T5	
Weight	1.5kg (3.3lb)	2.9kg (6.4lb)

YT-2500 Smart Valve Positioner accurately controls valve stroke, according to input signal of 4-20mA being delivered from controller.

- Fail freeze function
- Near zero air consumption level
- HART communication
- Auto calibration
- PD control
- 4 buttons for local control
- LCD display
- Feedback signal
- Limit switches

# Smart Positioner YT-2600

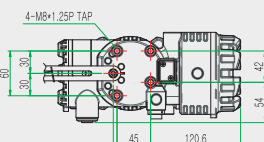
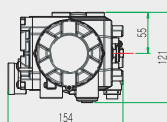
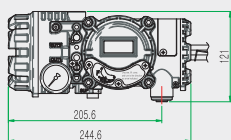
Product Number: YT-2600               (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option	Fail Option	
				Linear	Rotary					
YT-2600	<span style="border: 1px solid black; padding: 1px;">L</span> Linear	<span style="border: 1px solid black; padding: 1px;">S</span> Single	<span style="border: 1px solid black; padding: 1px;">C</span> Ex d IIC T6	<span style="border: 1px solid black; padding: 1px;">1</span> 10~40mm	<span style="border: 1px solid black; padding: 1px;">1</span> M6 × 34L	<span style="border: 1px solid black; padding: 1px;">1</span> PT	<span style="border: 1px solid black; padding: 1px;">0</span> NONE	<span style="border: 1px solid black; padding: 1px;">0</span> NONE	<span style="border: 1px solid black; padding: 1px;">F</span> Fail Freeze	
	<span style="border: 1px solid black; padding: 1px;">R</span> Rotary	<span style="border: 1px solid black; padding: 1px;">D</span> Double		<span style="border: 1px solid black; padding: 1px;">2</span> 20~70mm	<span style="border: 1px solid black; padding: 1px;">2</span> M6 × 63L					<span style="border: 1px solid black; padding: 1px;">2</span> NPT
				<span style="border: 1px solid black; padding: 1px;">3</span> 50~100mm	<span style="border: 1px solid black; padding: 1px;">3</span> M8 × 34L	<span style="border: 1px solid black; padding: 1px;">2</span> + L/S				
				<span style="border: 1px solid black; padding: 1px;">4</span> 100~150mm	<span style="border: 1px solid black; padding: 1px;">4</span> M8 × 63L		<span style="border: 1px solid black; padding: 1px;">3</span> + PTM+L/S			
						<span style="border: 1px solid black; padding: 1px;">5</span> NAMUR				



YT2600R

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)1/4	
Gauge Connection	PT(NPT)1/8	
Conduit	PF1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp.	Operating Temp.	-30°C ~ 80°C (-22~176° F)
	Explosion Temp.	-40~70°C(T6) / -40~85°C(T5)
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Air Consumption	0.01LPM (sup=0.14MPa)	
Flow Capacity	60 LPM (sup=0.14MPa)	
Output Characteristics	Linear, EQ%, Quick Open user set (16 Point)	
Material	Aluminum Diecasting	
Enclosure	IP66	
Explosion Proof type	Ex d IIC T6 / T5	
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
- Near zero air consumption level
- HART communication
- Auto calibration
- PD control
- 4 buttons for local control
- LCD display
- Feedback signal
- Limit switches

# Smart Positioner YT-2501 (remote type)

Product Number: YT-2501       (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option	Fail Option
				Linear	Rotary				
YT-2501	<span style="border: 1px solid black; padding: 1px;">L</span> Linear	<span style="border: 1px solid black; padding: 1px;">S</span> Single	<span style="border: 1px solid black; padding: 1px;">n</span> Non-Explosion	<span style="border: 1px solid black; padding: 1px;">1</span> 10~40mm	<span style="border: 1px solid black; padding: 1px;">5</span> NAMUR	<span style="border: 1px solid black; padding: 1px;">1</span> PT	<span style="border: 1px solid black; padding: 1px;">0</span> NONE	<span style="border: 1px solid black; padding: 1px;">0</span> NONE	<span style="border: 1px solid black; padding: 1px;">F</span> Fail Freeze
	<span style="border: 1px solid black; padding: 1px;">R</span> Rotary	<span style="border: 1px solid black; padding: 1px;">D</span> Double	<span style="border: 1px solid black; padding: 1px;">i</span> Ex ia IIC T6/T5	<span style="border: 1px solid black; padding: 1px;">2</span> 20~70mm		<span style="border: 1px solid black; padding: 1px;">2</span> NPT	<span style="border: 1px solid black; padding: 1px;">2</span> + HART	<span style="border: 1px solid black; padding: 1px;">1</span> +PTM	<span style="border: 1px solid black; padding: 1px;">S</span> Fail Safe
				<span style="border: 1px solid black; padding: 1px;">3</span> 50~100mm					
				<span style="border: 1px solid black; padding: 1px;">4</span> 100~150mm					



YT-2501R(Sensor)

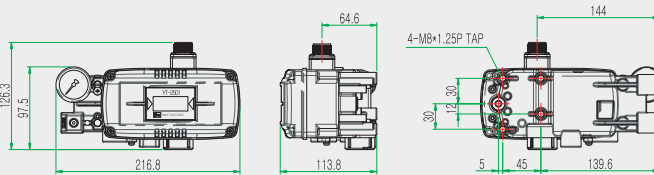


YT-2501L(Sensor)

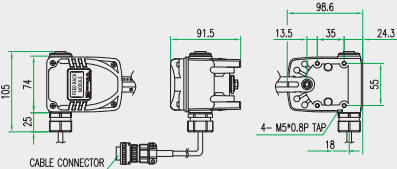
YT-2501(Body)



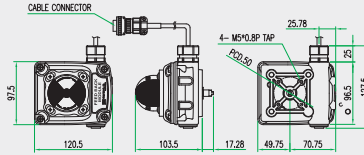
Item · Type	YT-2501L	YT-2501R
Input Signal	4~20mA DC	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	10~150mm	0 ~ 90°
Impedance	Max.460Ω @ 20mA DC	
Air Connection	PT(NPT)1/4	
Gauge Connection	PT(NPT)1/8	
Conduit	PF1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp.	Sensor Operating Temp.	-40°C ~ 120°C(-40~248°F)
	Body Operating Temp.	-30°C ~ 80°C (-22~176 ° F)
	Explosion Temp.	-40~40°C(T6) / -40~60°C(T5)
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Air Consumption	0.01LPM (sup=0.14MPa)	
Flow Capacity	60 LPM(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	1.5kg (3.3lb)
	Sensor	0.6kg (1.3lb)    0.9kg (2.0lb)



Body



YT-2501L Sensor



YT-2501R Sensor

YT-2501 Smart Positioner supplies remote functions and higher liabilities in **high temperature and vibration environment.**

- Separated feedback module
- Near zero air consumption level
- HART communication
- Auto calibration
- PD control
- 4 buttons for local control
- Fail freeze & safe function
- LCD display
- Feedback signal
- Limit switches

# Smart Positioner YT-2700 series (compact size)

Product Number: YT-2700 S n 1 (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Connection Type	Communication	Option	Fail Option
				Linear	Rotary				
YT-2700	L Linear	S Single	n Non-Explosion	1 5~35mm	1 M6×34L	1 PT	0 NONE	0 NONE	F Fail Freeze
					2 M6×63L				
	3 M8×34L								
	4 M8×63L								
	5 NAMUR								



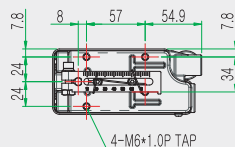
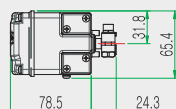
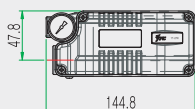
YT-2700



compact size



Item · Type	YT-2700L	YT-2700R
Input Signal	4~20mA DC	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	5~35mm	0 ~ 90°
Impedance	Max.460Ω @ 20mA DC	
Air Connection	PT(NPT)1/4	
Gauge Connection	PT(NPT)1/8	
Conduit	PF1/2 (G1/2)	
Repeatability	±0.3% F.S.	
Ambient Temp.	Operating Temp.	-30°C ~ 85°C (-22~185° F)
	Explosion Temp.	-40~40°C(T6) / -40~60°C(T5)
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Air Consumption	0.01LPM (sup=0.14MPa)	
Flow Capacity	9LPM(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	0.82kg (1.8lb)	



YT-2700 Compact smart valve positioner accurately controls valve stroke, according to input signal of 4-20mA being delivered from controller.

- Fail freeze function
- Near zero air consumption level
- HART communication
- Fail safe function
- PD control
- 4 buttons for local control
- LCD display
- Feedback signal
- Auto calibration
- Single acting only

# Electro-Pneumatic Positioner YT-1000L

Product Number: YT-1000L        (specify your requirement)

Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option *
YT-1000L	<b>S</b> Single	<b>m</b> Ex dmb IIB T5 (KTL)	<b>1</b> 10 ~ 40mm	<b>1</b> $\phi$ 1	<b>1</b> PT	<b>S</b> -20°C ~ 60°C	<b>0</b> NONE
	<b>D</b> Double	<b>C</b> Ex dmb IIC T5 (KTL)	<b>2</b> 30 ~ 70mm	<b>2</b> $\phi$ 2	<b>2</b> NPT	<b>H</b> -20°C ~ 120°C	<b>1</b> + PTM (Analog type)
		<b>i</b> Ex ia IIB T6 (KTL)	<b>3</b> 60 ~ 100mm	<b>3</b> None	<b>L</b> -40°C ~ 70°C	<b>2</b> + SPTM (Smart type)	
		<b>n</b> Non-Explosion	<b>4</b> 100 ~ 150mm		<b>3</b> + SPTM with LCD(Smart type)		
		<b>f</b> Ex dm IIB T5 (FM)					
		<b>p</b> Ex ia IIC T6 (NEPSI)					
<b>H</b> Ex dmb IIC T5/T6 (NEPSI)							

\* Internal PTM,SPTM are Non-Explosion only. (Option)



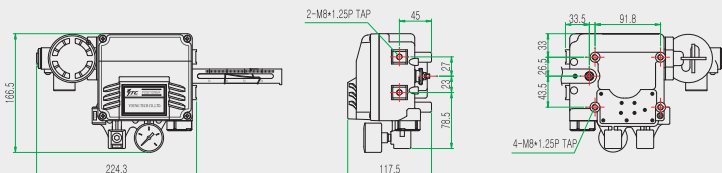
YT-1000L



YT-1000L+PTM(int.)

Item - Type	Single	Double
Input Signal	4-20mA DC	
Impedance	250 ± 15 Ω	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	10 ~150mm	
Air Connection	PT(NPT) 1/4	
Gauge Connection	PT(NPT) 1/8	
Conduit	PF 1/2 (G 1/2)	
Explosion Proof	Ex dm IIB T5 Ex dm IIC T5 Ex ia IIB T6	
Enclosure	IP66	
Ambient Temp.	Operating	-20°C~70°C(-4~158°F)
	Explosion	-20°C~60°C(-4~140°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=0.14MPa)	
Flow Capacity	80LPM (sup=0.14MPa)	
Material	Aluminum Diecasting	
Weight	2.7kg (6.1 lb)	

\* For additional PTM specification refer to p.22.



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 20mA or split ranges.

- Simple zero and span adjustment
- No resonance between 5-200Hz
- Auto/Manual switch
- RA v.s. DA action and 1/2 split range setting by simple adjustment
- Internal feedback signal is available as an option (weather proof only)

# Electro-Pneumatic Positioner YT-1000R

Product Number: YT-1000R        (specify your requirement)

Model	Acting Type	Explosion Proof	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1	Option2 *
YT-1000R	<b>S</b> Single	<b>m</b> Ex dmb IIB T5 (KTL)	<b>1</b> M6×34L	<b>1</b> φ 1	<b>1</b> PT	<b>S</b> -20°C ~ 60°C	<b>0</b> NONE (St'd)	<b>0</b> NONE
	<b>D</b> Double	<b>C</b> Ex dmb IIC T5 (KTL)	<b>2</b> M6×63L	<b>2</b> φ 2	<b>2</b> NPT	<b>H</b> -20°C ~ 120°C	<b>1</b> Dome Cover	<b>1</b> + PTM(Internal)
		<b>i</b> Ex ia IIB T6 (KTL)	<b>3</b> M8×34L	<b>3</b> None		<b>L</b> -40°C ~ 70°C		<b>2</b> + PTM(External)
		<b>n</b> Non-Explosion	<b>4</b> M8×63L					<b>3</b> + L / S(Internal)
		<b>f</b> Ex dm IIB T5 (FM)	<b>5</b> NAMUR					<b>4</b> + L / S(External)
		<b>p</b> Ex ia IIC T6 (NEPSI)						<b>5</b> + PTM + L / S(Internal)
		<b>H</b> Ex dmb IIC T5/T6 (NEPSI)						<b>6</b> + PTM + L / S(External)

\* Internal PTM, L/S are Non-Explosion only.(Option 2)



YT-1000R



YT-1000R+PTM(int)



YT-1000R+PTM+L/S(int)



YT-1000R+DOME



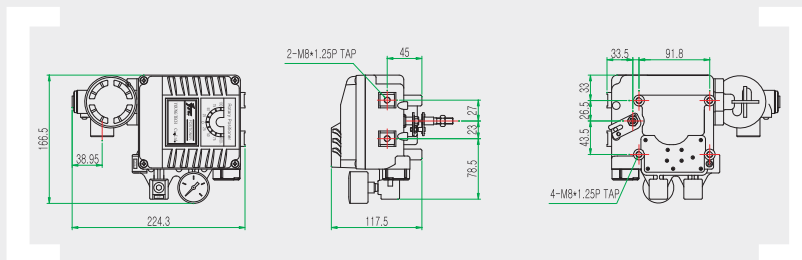
YT-1000R+L/S(ext)  
YT-1000R+PTM+L/S(ext)



YT-1000R+PTM(ext)

Item · Type	Single	Double
Input Signal	DC 4-20mA	
Impedance	250±15 Ω	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	0 ~ 90°	
Air Connection	PT(NPT) 1/4	
Gauge Connection	PT(NPT) 1/8	
Conduit	PF 1/2 (G1/2)	
Explosion Proof	Ex dm IIB T5 Ex dm IIC T5 Ex ia IIB T6	
Enclosure	IP66	
Ambient Temp	Operating	-20°C~70°C(-4~158°F)
	Explosion	-20°C~60°C(-4~140°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=0.14MPa)	
Flow Capacity	80LPM (sup=0.14MPa)	
Material	Aluminum Diecasting	
Weight	2.8kg (6.2 lb)	

\* For additional PTM, L/S specification refer to p.22,25(Int.) and 23,26(Ext.).



The Electro-Pneumatic Positioner YT-1000R is used for operation of pneumatic rotary valve actuators by means of electrical controller or control system with an analog output signal of DC 4 to 20mA or split ranges. ( refer to YT-1000L, page 12)

# Electro-Pneumatic Positioner YT-1050

Product Number: YT-1050 ■ ■ ■ ■ ■ ■ ■ (specify your requirement)

Model	Motion Type	Acting Type	Explosion Proof	Lever Type		Orifice Type	Connection Type	Ambient Temp
				Linear	Rotary			
YT-1050	<span style="border: 1px solid black; padding: 1px;">L</span> Linear	<span style="border: 1px solid black; padding: 1px;">S</span> Single	<span style="border: 1px solid black; padding: 1px;">n</span> Non-Explosion	<span style="border: 1px solid black; padding: 1px;">1</span> 10 ~ 40mm	<span style="border: 1px solid black; padding: 1px;">1</span> M6 × 34L	<span style="border: 1px solid black; padding: 1px;">1</span> φ 1	<span style="border: 1px solid black; padding: 1px;">2</span> NPT	<span style="border: 1px solid black; padding: 1px;">S</span> -20°C ~ 60°C
	<span style="border: 1px solid black; padding: 1px;">R</span> Rotary	<span style="border: 1px solid black; padding: 1px;">D</span> Double	<span style="border: 1px solid black; padding: 1px;">m</span> Ex dmb IIB T5	<span style="border: 1px solid black; padding: 1px;">2</span> 30 ~ 70mm	<span style="border: 1px solid black; padding: 1px;">2</span> M6 × 63L	<span style="border: 1px solid black; padding: 1px;">2</span> φ 2		<span style="border: 1px solid black; padding: 1px;">H</span> -20°C ~ 120°C
				<span style="border: 1px solid black; padding: 1px;">3</span> 60 ~ 100mm	<span style="border: 1px solid black; padding: 1px;">3</span> M8 × 34L	<span style="border: 1px solid black; padding: 1px;">3</span> None		<span style="border: 1px solid black; padding: 1px;">L</span> -40°C ~ 70°C
				<span style="border: 1px solid black; padding: 1px;">4</span> 100 ~ 150mm	<span style="border: 1px solid black; padding: 1px;">4</span> M8 × 63L			
					<span style="border: 1px solid black; padding: 1px;">5</span> NAMUR			

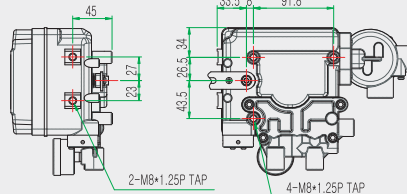
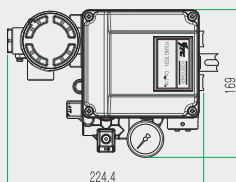


YT-1050R



YT-1050L

Item · Type		Single	Double
Input Signal		4-20mA DC	
Impedance		250 ± 15 Ω	
Supply Pressure		0.14~0.7MPa(1.4~7 bar)	
Stroke		10~150mm	0 ~ 90°
Air Connection		NPT 1/4	
Gauge Connection		NPT 1/8	
Conduit		PF 1/2 (G 1/2)	
Explosion Proof		Ex dmb IIB T5	
Enclosure		IP66	
Ambient Temp.	Operating	-20°C~70°C(-4~158°F)	
	Explosion	-20°C~60°C(-4~140°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=0.14MPa)	
Flow Capacity		80LPM (sup=0.14MPa)	
Material		Stainless steel 316	
Weight		5.71kg (12.6lb)	



YT-1050, the Electro-Pneumatic Positioner is used for operation of pneumatic valve actuators by means of electrical controller or control system with an analog output signal of DC 4 to 20mA or split ranges.

- Simple zero and span adjustment
- No resonance between 5-200Hz
- Auto/Manual switch
- RA v.s. DA action and 1/2 split range setting by simple adjustment

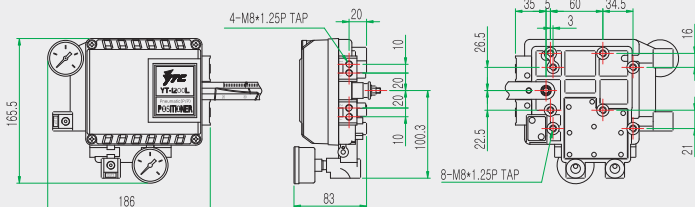
# Pneumatic-Pneumatic Positioner YT-1200L

Product Number: YT-1200L ■ ■ ■ ■ ■ (specify your requirement)

Model	Acting Type	Lever Type	Orifice Type	Connection Type	Ambient Temp
YT-1200L	<span style="border: 1px solid black; padding: 2px;">S</span> Single	<span style="border: 1px solid black; padding: 2px;">1</span> 10 ~ 40mm	<span style="border: 1px solid black; padding: 2px;">1</span> $\phi$ 1	<span style="border: 1px solid black; padding: 2px;">1</span> PT	<span style="border: 1px solid black; padding: 2px;">S</span> -20°C ~ 70°C
	<span style="border: 1px solid black; padding: 2px;">D</span> Double	<span style="border: 1px solid black; padding: 2px;">2</span> 30 ~ 70mm	<span style="border: 1px solid black; padding: 2px;">2</span> $\phi$ 2	<span style="border: 1px solid black; padding: 2px;">2</span> NPT	<span style="border: 1px solid black; padding: 2px;">H</span> -20°C ~ 120°C
		<span style="border: 1px solid black; padding: 2px;">3</span> 60 ~ 100mm	<span style="border: 1px solid black; padding: 2px;">3</span> None		
		<span style="border: 1px solid black; padding: 2px;">4</span> 100 ~ 150mm			



Item · Type	Single	Double
Input Signal	0.02~0.1MPa(0.2~1bar)	
Supply Pressure	0.14~0.7MPa(1.4~7bar)	
Stroke	10 ~150mm	
Air Connection	PT(NPT) 1/4	
Gauge Connection	PT(NPT) 1/8	
Enclosure	IP66	
Ambient Temp.	-20°C~70°C(-4~158°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=0.14MPa)	
Flow Capacity	80LPM (sup=0.14MPa)	
Material	Aluminum Diecasting	
Weight	1.7kg (3.1 lb)	



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 5 psi or split ranges.

- Simple zero and span adjustment
- No resonance between 5-200Hz
- Auto/Manual switch
- RA v.s. DA action and 1/2 split range setting by simple adjustment

# Pneumatic-Pneumatic Positioner YT-1200R

Product Number: YT-1200R ■ ■ ■ ■ ■ ■ (specify your requirement)

Model	Acting Type	Lever Type	Orifice Type	Connection Type	Ambient Temp	Option1
YT-1200R	<span style="border: 1px solid black; padding: 1px;">S</span> Single	<span style="border: 1px solid black; padding: 1px;">1</span> M6 × 34L	<span style="border: 1px solid black; padding: 1px;">1</span> φ1	<span style="border: 1px solid black; padding: 1px;">1</span> PT	<span style="border: 1px solid black; padding: 1px;">S</span> -20°C ~ 70°C	<span style="border: 1px solid black; padding: 1px;">0</span> NONE
	<span style="border: 1px solid black; padding: 1px;">D</span> Double	<span style="border: 1px solid black; padding: 1px;">2</span> M6 × 63L	<span style="border: 1px solid black; padding: 1px;">2</span> φ2	<span style="border: 1px solid black; padding: 1px;">2</span> NPT	<span style="border: 1px solid black; padding: 1px;">H</span> -20°C ~ 120°C	<span style="border: 1px solid black; padding: 1px;">1</span> + Dome Cover
		<span style="border: 1px solid black; padding: 1px;">3</span> M8 × 34L	<span style="border: 1px solid black; padding: 1px;">3</span> None		<span style="border: 1px solid black; padding: 1px;">L</span> -40°C ~ 70°C	<span style="border: 1px solid black; padding: 1px;">2</span> + PTM-5VR
		<span style="border: 1px solid black; padding: 1px;">4</span> M8 × 63L				<span style="border: 1px solid black; padding: 1px;">3</span> + PTM-6VR
		<span style="border: 1px solid black; padding: 1px;">5</span> NAMUR				<span style="border: 1px solid black; padding: 1px;">4</span> + L/S(YT-850)
						<span style="border: 1px solid black; padding: 1px;">5</span> + L/S(YT-870)
						<span style="border: 1px solid black; padding: 1px;">6</span> + PTM+L/S(YT-870)



YT-1200R



YT-1200R+Dome



YT-1200R+YT-850



YT-1200R+PTM-5VR

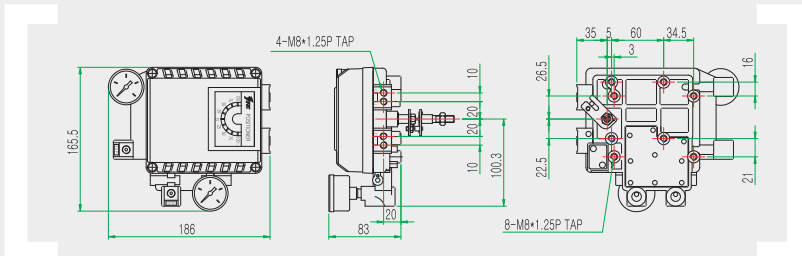


YT-1200R+PTM-6VR



YT-1200R+YT-870

Item · Type	Single	Double
Input Signal	0.02~0.1MPa(0.2~1 bar)	
Supply Pressure	0.14~0.7MPa(1.4~7 bar)	
Stroke	0 ~ 90°	
Air Connection	PT(NPT) 1/4	
Gauge Connection	PT(NPT) 1/8	
Enclosure	IP66	
Ambient Temp.	-20°C~70°C(-4~158°F)	
Linearity	±2% F.S.	
Hysteresis	±1% F.S.	
Sensitivity	±0.5% F.S.	
Repeatability	±0.5% F.S.	
Air Consumption	3LPM (sup=0.14MPa)	
Flow Capacity	80LPM (sup=0.14MPa)	
Material	Aluminum Diecasting	
Weight	1.7kg (3.1 lb)	



The Pneumatic positioner YT-1200R is used for pneumatic rotary valve actuators by means of pneumatic controller or control systems with an output signal of 3 to 15 psi or split ranges.

- Simple zero and span adjustment
- No resonance between 5-200Hz
- Auto/Manual switch
- RA v.s. DA action and 1/2 split range setting by simple adjustment

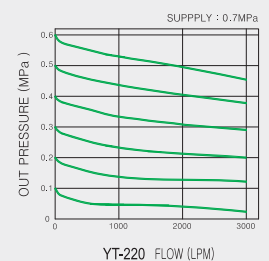
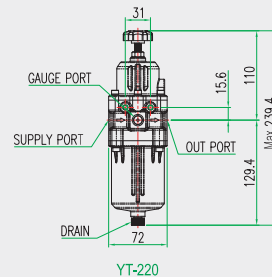
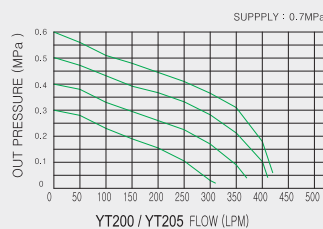
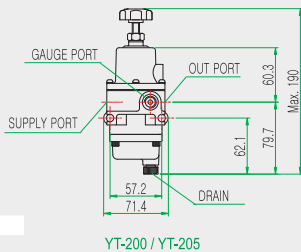
# Air Filter Regulator YT-200 / YT-205 / YT-220

Product Number: YT-200 / YT-205 / YT-220       (specify your requirement)

Model	Adjustable Range	Connection Type *	Gauge	Ambient Temp
YT-200	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">A</span> 0~0.42Mpa	<span style="border: 1px solid black; padding: 0 2px;">P</span> PT	<span style="border: 1px solid black; padding: 0 2px;">0</span> NONE	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">1</span> -20~70°C
YT-205	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">B</span> 0~0.84Mpa	<span style="border: 1px solid black; padding: 0 2px;">N</span> NPT	<span style="border: 1px solid black; padding: 0 2px;">1</span> 0~0.4Mpa	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">2</span> -20~120°C
YT-220	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">C</span> 0~0.21Mpa	* YT-205 is available for NPT1/4 connection type ONLY.		<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">3</span> -40~70°C



Item · Type	YT-200	YT-220	YT-205	
	A	B	C	
Max. Supply Pressure	1.5MPa (15bar)			
Max. Output Pressure	0.42MPa (4.2bar)	0.84MPa (8.4bar)	0.21MPa (2.1bar)	
Air Connection	PT (NPT) 1/4	PT (NPT) 1/2	NPT 1/4	
Gauge Connection	PT (NPT) 1/4		NPT 1/4	
Ambient Temp.	-20~70°C (-4~158°F) (Standard type)			
Min. Filtering Size	5 micron			
Material	Aluminum Diecasting		Stainless Steel 316	
Weight	0.6kg (1.7lb)	0.86kg (1.89lb)	1.4kg (3.0lb)	



Air filter regulator YT-200, YT-205 suitably reduce plant's main air supply pressure and supplies to valve positioner(s) or control device(s).

- Maintain stable outlet pressure
- Light weight and compact size
- 5 micron filter
- Relief function - discharge pressure if outer pressure is higher than set pressure

# Volume Booster YT-300 / YT-305 / YT-310 / YT-315 / YT-320 / YT-325

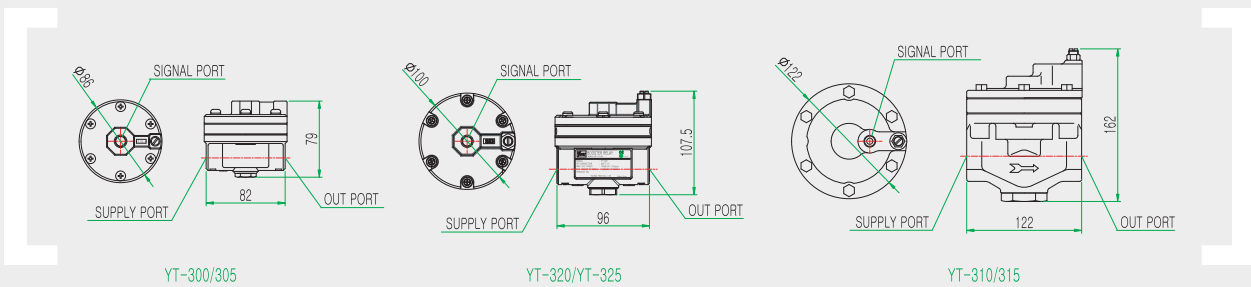
Product Number: YT-300 / YT-305 / YT-310 / YT-315 / YT-320/YT-325     (specify your requirement)

Model	Connection Type*	Ambient Temp
YT-300, YT-305	<span style="border: 1px solid black; padding: 0 2px;">P</span> PT	<span style="border: 1px solid black; padding: 0 2px;">1</span> -20~70°C
YT-310, YT-315	<span style="border: 1px solid black; padding: 0 2px;">N</span> NPT	<span style="border: 1px solid black; padding: 0 2px;">2</span> -20~120°C
YT-320, YT-325		<span style="border: 1px solid black; padding: 0 2px;">3</span> -40~70°C

\* YT-305, 310, 315, YT-325 is available for NPT connection type ONLY.



Item · Type	YT-300 YT-305	YT-320 YT-325	YT-310 YT-315			
Max. Supply Pressure	1MPa (10bar)					
Max.Signal /Output Pressure	0.7MPa (7bar)					
In / Output Pressure Ratio	1 : 1					
Flow Capacity (Cv)	output	1.02	2.32	4.98		
	exhaust	0.86	1.78	3.85		
In / Output Connection	PT(NPT)1/4	NPT 1/2	NPT 3/4			
Signal Connection	PT (NPT) 1/4					
Linearity	±1% F.S.					
Ambient Temp.	-20°C ~ 70°C (-4 ~158° F)					
Material	YT-300, YT-320, YT-310			Aluminum Diecasting		
	YT-305, YT-325, YT-315			Stainless Steel 316		
Weight	YT-300	YT-320	YT-310	0.5kg (1.1lb)	0.76kg (1.7lb)	2.3kg (5.1lb)
	YT-305	YT-325	YT-315	1.3kg (2.9lb)	1.9kg (4.2lb)	5Kg (11lb)



Volume booster YT-300, YT-310 and YT-320 boost the valve function's reaction speed by providing large air flow rate to actuator.

- Improves speed of valve movement
- Improves stability with by-pass control
- Reacts to sudden change in supply pressure
- Fixed deadband due to the seat-to-seat type of supply and exhaust pressure

# Lock-up Valve YT-400 / YT-405

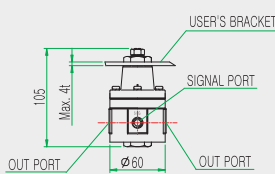
Product Number: YT-400 / YT-405 ■ ■ ■ (specify your requirement)

Model	Acting Type	Connection Type *	Ambient Temp
YT-400	<span style="border: 1px solid black; padding: 2px;">S</span> Single	<span style="border: 1px solid black; padding: 2px;">P</span> PT 1/4	<span style="border: 1px solid black; padding: 2px;">1</span> -20~70°C
YT-405	<span style="border: 1px solid black; padding: 2px;">D</span> Double	<span style="border: 1px solid black; padding: 2px;">N</span> NPT 1/4	<span style="border: 1px solid black; padding: 2px;">2</span> -20~120°C
			<span style="border: 1px solid black; padding: 2px;">3</span> -40~70°C

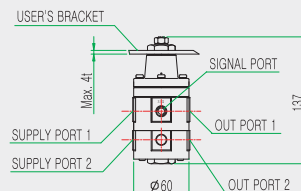
\* YT-405 is available for NPT 1/4 connection type ONLY.



Item · Type	Single	Double
Signal Pressure	0.14~0.7MPa(1.4~7 bar)	
Max Supply Pressure	Max. 1MPa (10bar)	
Lock-Up Pressure	Max. 0.7MPa (7bar)	
Differential Pressure	Below 0.01MPa (0.1bar)	
Flow Capacity (Cv)	0.9	
Ambient Temp.	-20°C ~70°C (-4 ~ 158° F)	
Air Connection	PT (NPT) 1/4	
Material	YT-400	Aluminum Diecasting
	YT-405	Stainless Steel 316
Weight	YT-400	0.15kg (0.33lb)
	YT-405	1.3kg (2.2lb)



YT-400S, YT-405S(Single Acting)



YT-400D, YT-405D(Double Acting)

Lock-up valve YT-400 senses the main supply pressure and shuts down the air flow when the pressure is lower than setting.

- Compact size - NO bracket is required
- Detects small variation of the pressure - below 0.1 kgf/cm<sup>2</sup>.

# Snap Acting Relay YT-520 / YT-525

Product Number: YT-520 / YT-525    (specify your requirement)

Model	Acting Type	Connection Type *	Ambient Temp
YT-520	<span style="border: 1px solid black; padding: 2px;">S</span> Single	<span style="border: 1px solid black; padding: 2px;">1</span> PT	<span style="border: 1px solid black; padding: 2px;">1</span> -20~70°C
YT-525	<span style="border: 1px solid black; padding: 2px;">D</span> Double	<span style="border: 1px solid black; padding: 2px;">2</span> NPT	<span style="border: 1px solid black; padding: 2px;">2</span> -20~120°C <span style="border: 1px solid black; padding: 2px;">3</span> -40~70°C

\* YT-525 is available for NPT 1/4 connection type ONLY.

Item · Type	YT-520		YT-525	
	Single	Double	Single	Double
Signal	0.14~0.7MPa (1.4~7 bar)			
Max Supply Pressure	1MPa (10bar)			
Ambient Temp.	-20~70°C (-4~158°F) (Standard type)			
Signal Connection	PT1/4 (NPT1/4)		NPT1/4	
In / Output Connection	PT1/4 (NPT1/4)		NPT1/4	
Flow Capacity (Cv)	0.9			
Material	Aluminium		Stainless Steel 316	
Weight	0.73kg(1.8lb)	1.2kg(2.7lb)	1.66kg (3.7lb)	3.1kg (6.3lb)



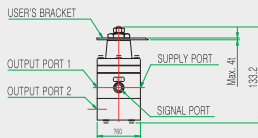
YT-520S

YT-520D

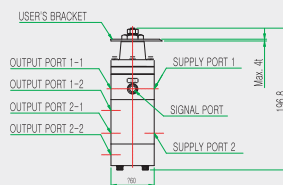


YT-525S

YT-525D



YT-520S / YT525S



YT520D / YT-525D

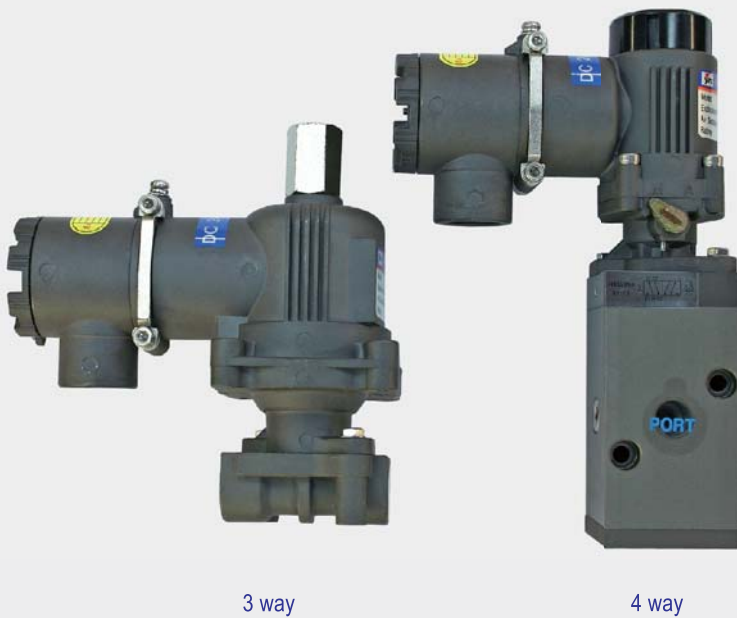
YT-520, YT-525 change the direction of air flow rate from one output port to the another when it senses low air pressure.

- Switches pressure flows when abnormal pressure detected
- Stem can be extended and connected
- Able to lock actuator in its position

# Solenoid Valve YT-700 Series

Product Number: YT-700     (specify your requirement)

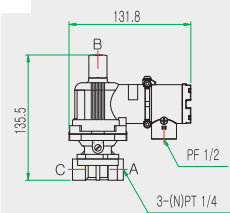
Model	Valve Type	Connection Type	Power Source	Pressure
YT-700	<span style="border: 1px solid black; padding: 2px;">S</span> 3way	<span style="border: 1px solid black; padding: 2px;">P</span> PT 1/4	<span style="border: 1px solid black; padding: 2px;">1</span> AC 110V	<span style="border: 1px solid black; padding: 2px;">1</span> 0~0.4Mpa (3way)
	<span style="border: 1px solid black; padding: 2px;">D</span> 4way	<span style="border: 1px solid black; padding: 2px;">N</span> NPT 1/4	<span style="border: 1px solid black; padding: 2px;">2</span> AC 220V	<span style="border: 1px solid black; padding: 2px;">2</span> 0~0.7Mpa (3way)
			<span style="border: 1px solid black; padding: 2px;">3</span> DC 24V	<span style="border: 1px solid black; padding: 2px;">3</span> 0.1~1Mpa (3way)



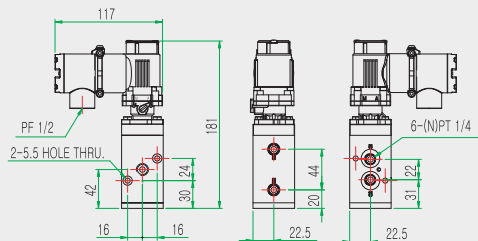
3 way

4 way

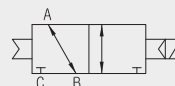
Item · Type	YT-700		
	3 way	4 way	
Max. Supply Pressure	0~0.4MPa 0~0.7MPa	0.1~1MPa	
Flow Capacity (Cv)	Output 0.2(φ3)at 0.4MPa 0.084(φ1.6)at 0.7MPa	0.75	
	Exhaust	0.093	
Rating Current	AC 110V	160mA	70mA
	AC 220V	100mA	63mA
	DC 24V	290mA	160mA
Explosion Proof type	Exd IIC T6		
Connection Type	PT (NPT) 1/4		
Conduit	PF 1/2 (G1/2)		
Coil Insulation Grade	Class B		
Ambient Temp.	Standard	-20~70°C (-4~158°F)	
	Explosion	-20~50°C (-4~122°F)	
Weight	0.8kg (1.8lb)	0.9kg (2.0lb)	



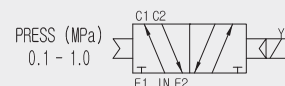
YT-700S (3WAY)



YT-700D (4WAY)



YT-700S (3WAY)



YT-700D (4WAY)

Solenoid valve YT-700 opens and shuts by electrical signal of AC or DC, It is built as explosion-proof structure.

- O-ring shapes: less lubrication required
- Balance spool type: no require of backing spring
- Interchangeable of AC and DC coils
- Manual override switch

# Position Transmitter PTM-5V / SPTM-5V

Product Number: PTM-5V / SPTM-5V i     (specify your requirement)

Model	Motion Type	Explosion Proof	Lever Type		Option
			Linear	Rotary	
PTM-5V	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">L</span> Linear	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">i</span> Ex ia IIC T6	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">1</span> 10~40mm	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">1</span> Standard	<span style="background-color: pink; border: 1px solid black; padding: 0 2px;">0</span> Without LCD
SPTM-5V	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">R</span> Rotary		<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">2</span> 20~70mm	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">2</span> NAMUR	<span style="background-color: pink; border: 1px solid black; padding: 0 2px;">1</span> With LCD
			<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">3</span> 50~100mm		
			<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">4</span> 100~150mm		



PTM-5VL



SPTM-5VL



PTM-5VL  
Analog type

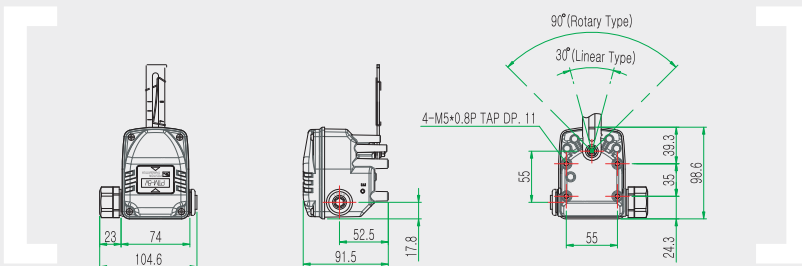


SPTM-5VL



SPTM-5VL  
LCD Included

Item · Type	PTM-5VL SPTM-5VL	PTM-5VR SPTM-5VR
Input Type	2 Wire	
Input Signal	0~30°	0~90°
Output Signal	4~20mA DC	
Load Resistance	Max.600Ω @ 28V DC	
Supply Voltage	9~28V DC	
Noise Range	50mV p.p	
Conduit	PF 1/2 (G 1/2)	
Enclosure	IP 67	
Explosion Proof	Ex ia IIC T6	
Ambient Temp	Oprating	-30~85°C(-22~185°F)
	Explosion	-20~60°C(-4~140°F)
Linearity	±1% F.S.	
Hysteresis	±0.2% F.S.	
Sensitivity	±0.2% F.S.	
Material	Aluminum Diecasting	
Weight	0.6kg (1.3lb)	



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

- Convenient wiring: 2 wire type
- Convenient adjustment of zero and span
- High accuracy and reliability
- Simple change for RA v.s. DA action setting

# Position Transmitter PTM-6V / SPTM-6V (flameproof type)

Product Number: PTM-6V / SPTM-6V ■ ■ ■ ■ (specify your requirement)

Model	Motion Type	Explosion Proof	Lever Type		Option
			Linear	Rotary	
PTM-6V	<span style="background-color: yellow;">L</span> Linear	<span style="background-color: cyan;">C</span> Ex d IIC T6	<span style="background-color: cyan;">1</span> 10~40mm	<span style="background-color: cyan;">1</span> Standard	<span style="border: 1px solid black;">0</span> NONE
SPTM-6V	<span style="background-color: yellow;">R</span> Rotary		<span style="background-color: cyan;">2</span> 20~70mm	<span style="background-color: cyan;">2</span> NAMUR	<span style="border: 1px solid black;">L</span> +L/S(Only rotary type can be includ)
			<span style="background-color: cyan;">3</span> 50~100mm		
			<span style="background-color: cyan;">4</span> 100~150mm		



PTM-6VL / SPTM-6VL

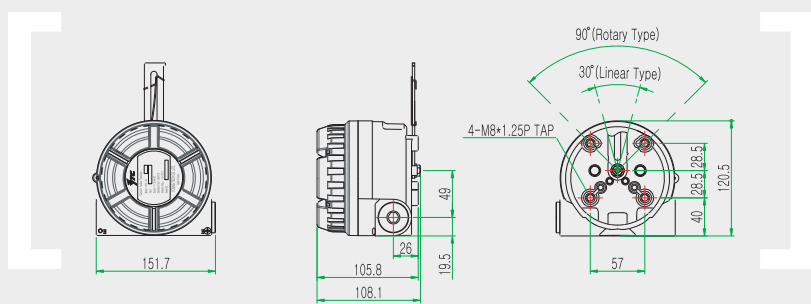


SPTM-6V  
Smart Type



PTM-6V  
Analog type

Item · Type	PTM-6VL SPTM-6VL	PTM-6VR SPTM-6VR
Connection Type	2 Wire	
Input Signal	0~30°	0~90°
Output Signal	4~20mA DC	
Load Resistance	Max.880Ω @ 30V DC	
Supply Voltage	9~30V DC	
Noise Range	50mV p.p	
Conduit	PF3/4 (G3/4)	
Ambient Temp.	Operating	-30~85°C(-22~185°F)
	Explosion	-20~60°C(-4~140°F)
Linearity	±1% F.S.	
Hysteresis	±0.2% F.S.	
Sensitivity	±0.2% F.S.	
L/S	Rating	AC 0.6A 125V~16A 250V
	Switch Type	2x SPDT
Explosion Proof	Ex d IIC T6	
Enclosure	IP67	
Material	Aluminum Diecasting	
Weight	1.3kg(2.9lb)	



Flame type of Electronic Position Transmitter PTM-6V and SPTM-6V senses mechanical position change of stem being on the valve or similar device and converts to current signal of DC4~20mA outputs.

- Convenient wiring; 2 wire type
- Convenient adjustment of zero and span
- High accuracy and reliability
- Simple change for RA v.s. DA action setting

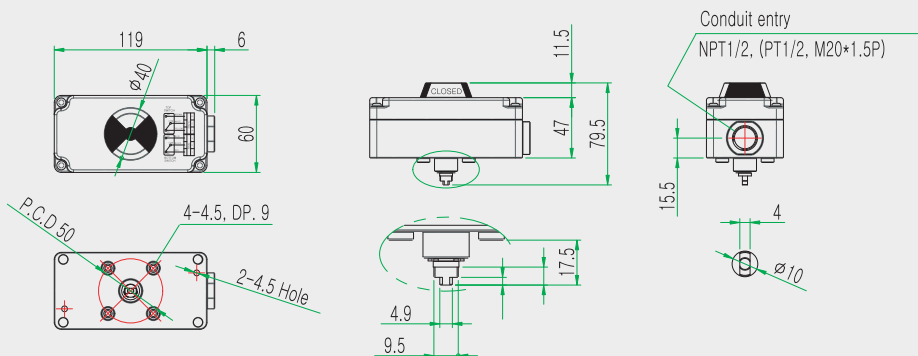
# Limit Switch Box YT-830

Product Number: YT-830       (specify your requirement)

Model	Switching Type	Connection Type	Bracket Type
YT-830	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">M</span> Mechanical Type (2xSPDT)	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">1</span> NPT1/2 <span style="background-color: lightgreen; border: 1px solid black; padding: 0 2px;">2</span> PT1/2 <span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">3</span> M20	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">1</span> PS-1(30*80,H20) <span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">2</span> PS-2(30*80,H30) <span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">3</span> PS-3(30*130,H30) <span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">4</span> PS-4(30*130,H50)



Item · Type	YT-830M
Switch Type	Mechanical Switch(2xSPDT)
Switch Rating	AC:250V 3A, 125V 3A DC:250V 0.2A, 125V 0.4A, 30V 4A
Enclosure	IP67
Ambient Temp.	-20°C ~ 80°C
Conduit Entry	NPT1/2(PT1/2, M20)
Terminal	6Points
Mouting Bracket	NAMUR VDI / VDE 3845, ISO 5211
Material	PC & PP
Weight	220g (0.48lb)



- Visual position indicator
- 6 contacts of terminal ports
- Compatibility with any rotary motion actuator <ISO5211>
- Easy adjustment of cam position
- **All plastic body**

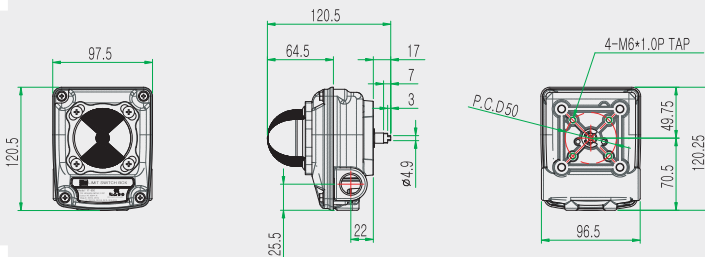
# Limit Switch Box YT-850

Product Number: YT-850 ■ ■ ■ ■ (specify your requirement)

Model	Switching Type	Connection Type	Bracket Type	Ambient Temp
YT-850	<span style="border: 1px solid black; padding: 1px;">M</span> Mechanical Type	<span style="border: 1px solid black; padding: 1px;">1</span> NPT1/2	<span style="border: 1px solid black; padding: 1px;">1</span> ST-1 (30*80,H20)	<span style="border: 1px solid black; padding: 1px;">1</span> -20°C ~ 80°C
	<span style="border: 1px solid black; padding: 1px;">P</span> Proximity Type	<span style="border: 1px solid black; padding: 1px;">2</span> PT1/2	<span style="border: 1px solid black; padding: 1px;">2</span> ST-2 (30*80,H30)	<span style="border: 1px solid black; padding: 1px;">2</span> -20°C ~ 120°C
		<span style="border: 1px solid black; padding: 1px;">3</span> PF1/2	<span style="border: 1px solid black; padding: 1px;">3</span> ST-3 (30*130,H30)	
		<span style="border: 1px solid black; padding: 1px;">4</span> M20	<span style="border: 1px solid black; padding: 1px;">4</span> ST-4 (30*130,H50)	



Item · Type	YT-850M	YT-850P
Switch Type	Mechanical Switch x 2	Proximity Sensor x 2
Switch Rating	AC:250V 3A, 125V 5A DC:250V 0.2A, 125V 0.4A, 30V 4A	12-24V DC (Operating voltage:10-30V DC)
Enclosure Protection	IP67	
Ambient Temp.	-20°C~80°C	
Conduit Entry	NPT1/2(PT1/2,PF1/2,M20,PG13.5)	
Terminal	8 Points	
Mouting Bracket	NAMUR VDI / VDE 3845, ISO 5211	
Material	Aluminum Diecasting	
Weight	880g (1.94b)	



- Visual position indicator
- 6 contacts of terminal ports
- Compatibility with any rotary motion actuator <ISO5211>
- Easy adjustment of cam position
- Dual 1/2" conduit entries

# Limit Switch Box YT-870, YT-875 (flameproof)

Product Number: YT-870, YT-875       (specify your requirement)

Model	Switching Type	Connection Type	Bracket Type
YT-870	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">M</span> Mechanical Type (2 x SPDT)	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">1</span> NPT3/4	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">1</span> ST-1 (30*80, H20)
YT-875	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">P</span> Proximity Type	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">2</span> PF3/4	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">2</span> ST-2 (30*80, H30)
	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">D</span> Mechanical Type (2 x DPDT)	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">3</span> M20	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">3</span> ST-3 (30*130, H30)
		<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">4</span> NPT1/2	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">4</span> ST-4 (30*130, H50)

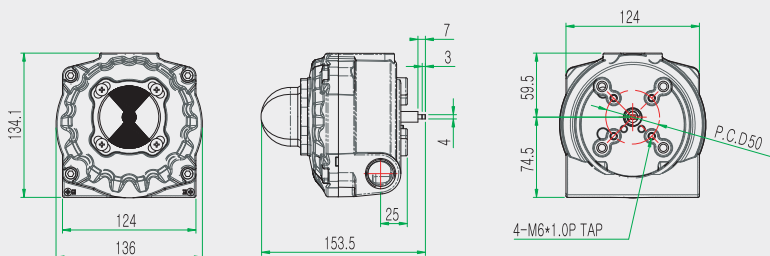


YT-870



YT-875

Item · Type	YT-870M YT-875M	YT-870P YT-875P	YT-870D YT-875D
Switch Type	Mechanical Switch x 2	Proximity Sensor x 2	Mechanical Switch x 4
Switch Rating	AC: 250V 3A, 125V 5A DC: 250V 0.2A, 125V 0.4A, 30V 4A	12-24VDC (Operating Voltage: 10-30VDC) P&F Type: 8 VDC	AC: 125 or 250V 10A 480V 2A
Enclosure Protection	IP67		
Explosion Proof	Ex d IIC T6		
Ambient Temp.	-20 °C ~ 60 °C		
Conduit Entry	NPT3/4 (PF3/4, M20)		
Terminal	8 Points		
Mouting Bracket	NAMUR VDI / VDE 3845, ISO 5211		
Material	YT-870	Aluminum Diecasting	
	YT-875	Stainless Steel 316	
Weight	YT-870	1.5kg (3.3lb)	
	YT-875	3.5kg (7.7lb)	



- Visual position indicator
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YT-870	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">M</span> Mechanical Type (2 x SPDT)	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">1</span> NPT3/4	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">1</span> ST-1 (30*80, H20)
YT-875	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">P</span> Proximity Type	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">2</span> PF3/4	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">2</span> ST-2 (30*80, H30)
	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">D</span> Mechanical Type (2 x DPDT)	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">3</span> M20	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">3</span> ST-3 (30*130, H30)
		<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">4</span> NPT1/2	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">4</span> ST-4 (30*130, H50)

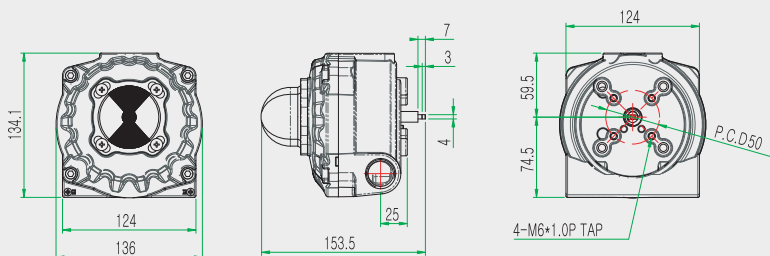


YT-870



YT-875

Item · Type	YT-870M YT-875M	YT-870P YT-875P	YT-870D YT-875D
Switch Type	Mechanical Switch x 2	Proximity Sensor x 2	Mechanical Switch x 4
Switch Rating	AC: 250V 3A, 125V 5A DC: 250V 0.2A, 125V 0.4A, 30V 4A	12-24VDC (Operating Voltage: 10-30VDC) P&F Type: 8 VDC	AC: 125 or 250V 10A 480V 2A
Enclosure Protection	IP67		
Explosion Proof	Ex d IIC T6		
Ambient Temp.	-20 °C ~ 60 °C		
Conduit Entry	NPT3/4 (PF3/4, M20)		
Terminal	8 Points		
Mouting Bracket	NAMUR VDI / VDE 3845, ISO 5211		
Material	YT-870	Aluminum Diecasting	
	YT-875	Stainless Steel 316	
Weight	YT-870	1.5kg (3.3lb)	
	YT-875	3.5kg (7.7lb)	



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# Limit Switch Box YT-870, YT-875 (flameproof)

Product Number: YT-870, YT-875       (specify your requirement)

Model	Switching Type	Connection Type	Bracket Type
YT-870	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">M</span> Mechanical Type (2 x SPDT)	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">1</span> NPT3/4	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">1</span> ST-1 (30*80, H20)
YT-875	<span style="background-color: lightgreen; border: 1px solid black; padding: 0 2px;">P</span> Proximity Type	<span style="background-color: lightgreen; border: 1px solid black; padding: 0 2px;">2</span> PF3/4	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">2</span> ST-2 (30*80, H30)
	<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">D</span> Mechanical Type (2 x DPDT)	<span style="background-color: lightgreen; border: 1px solid black; padding: 0 2px;">3</span> M20	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">3</span> ST-3 (30*130, H30)
		<span style="background-color: yellow; border: 1px solid black; padding: 0 2px;">4</span> NPT1/2	<span style="background-color: lightblue; border: 1px solid black; padding: 0 2px;">4</span> ST-4 (30*130, H50)

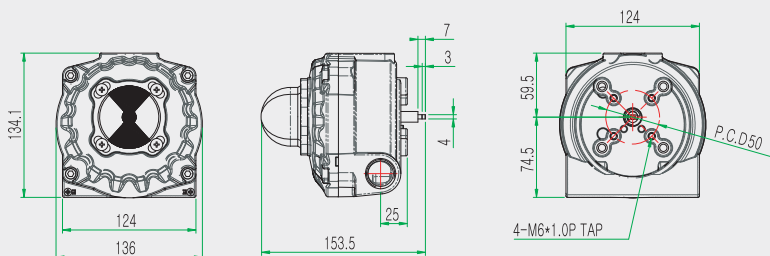


YT-870



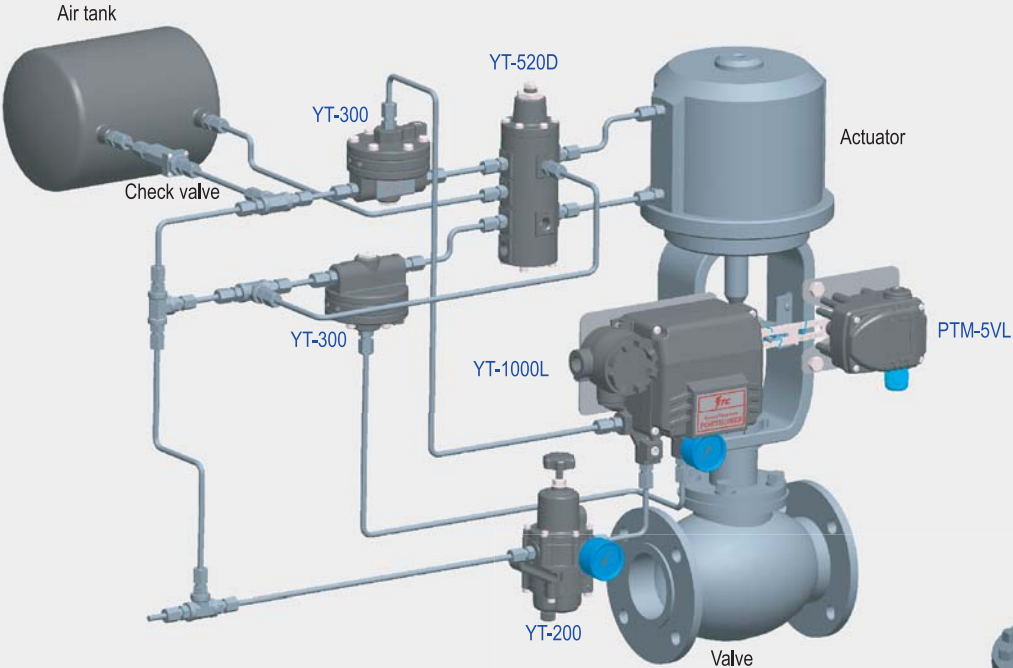
YT-875

Item · Type	YT-870M YT-875M	YT-870P YT-875P	YT-870D YT-875D
Switch Type	Mechanical Switch x 2	Proximity Sensor x 2	Mechanical Switch x 4
Switch Rating	AC: 250V 3A, 125V 5A DC: 250V 0.2A, 125V 0.4A, 30V 4A	12-24VDC (Operating Voltage: 10-30VDC) P&F Type: 8 VDC	AC: 125 or 250V 10A 480V 2A
Enclosure Protection	IP67		
Explosion Proof	Ex d IIC T6		
Ambient Temp.	-20 °C ~ 60 °C		
Conduit Entry	NPT3/4 (PF3/4, M20)		
Terminal	8 Points		
Mouting Bracket	NAMUR VDI / VDE 3845, ISO 5211		
Material	YT-870	Aluminum Diecasting	
	YT-875	Stainless Steel 316	
Weight	YT-870	1.5kg (3.3lb)	
	YT-875	3.5kg (7.7lb)	

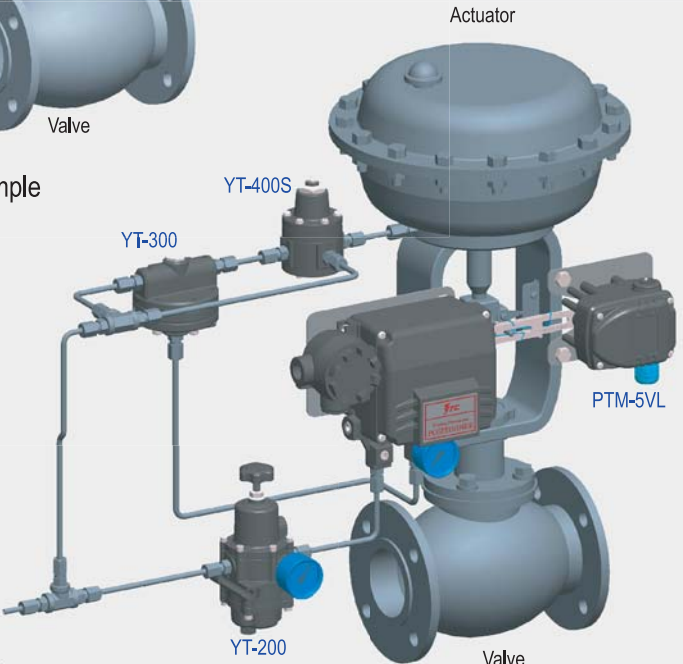


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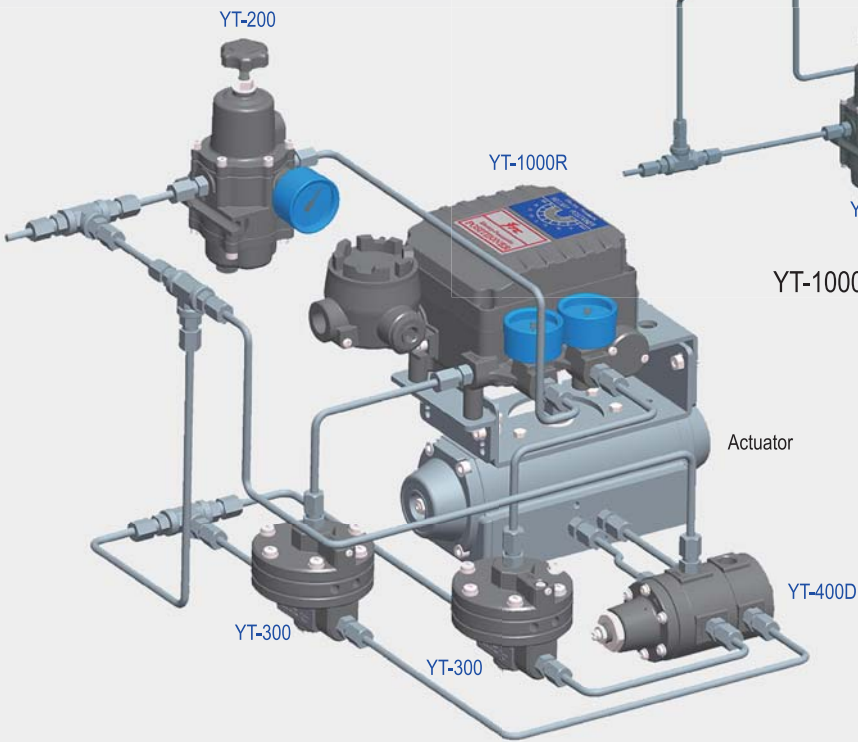
# Exsample



YT-1000L(Double type) Application Example



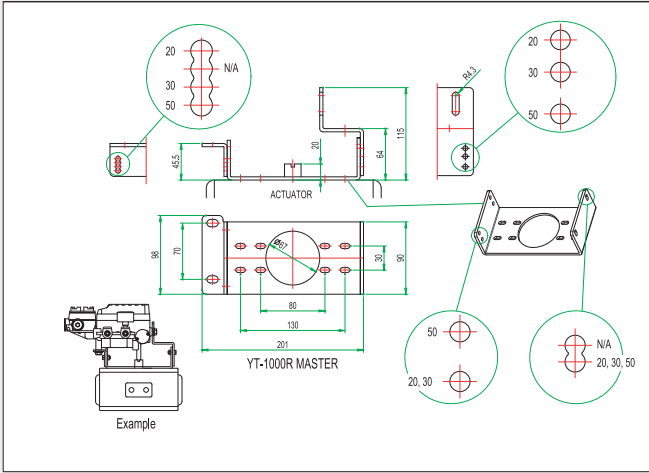
YT-1000L(Single type) Application Example



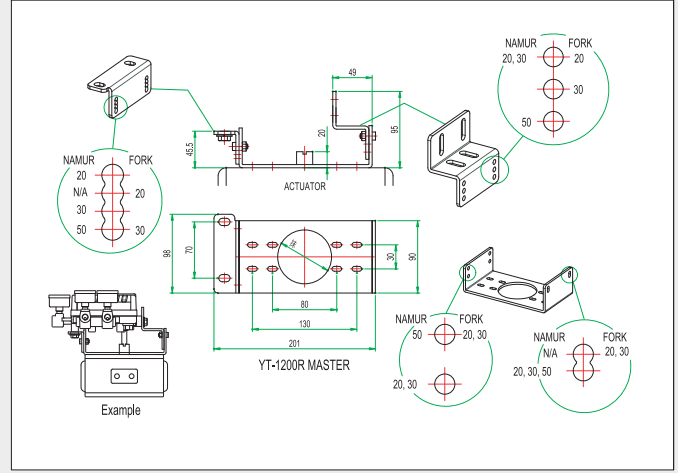
YT-1000R Application Example

# Bracket, Lever

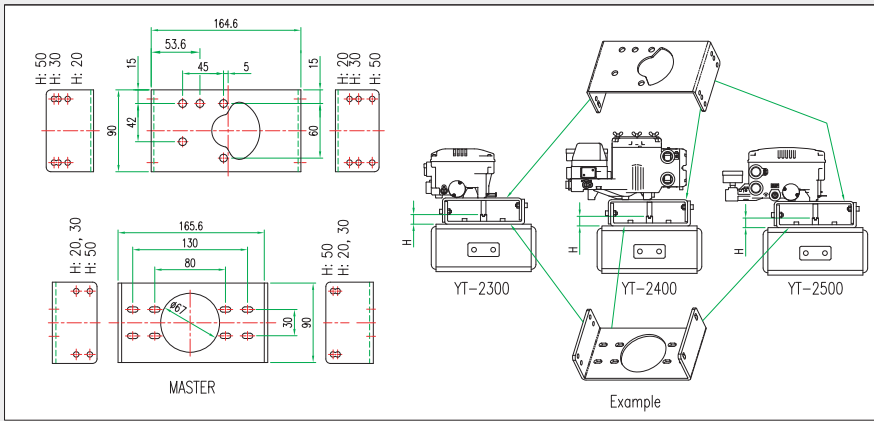
## YT-1000R Bracket Series



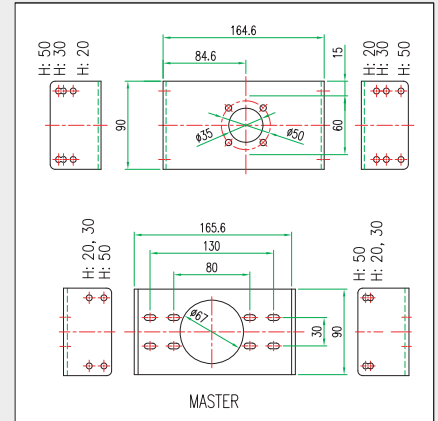
## YT-1200R Bracket Series



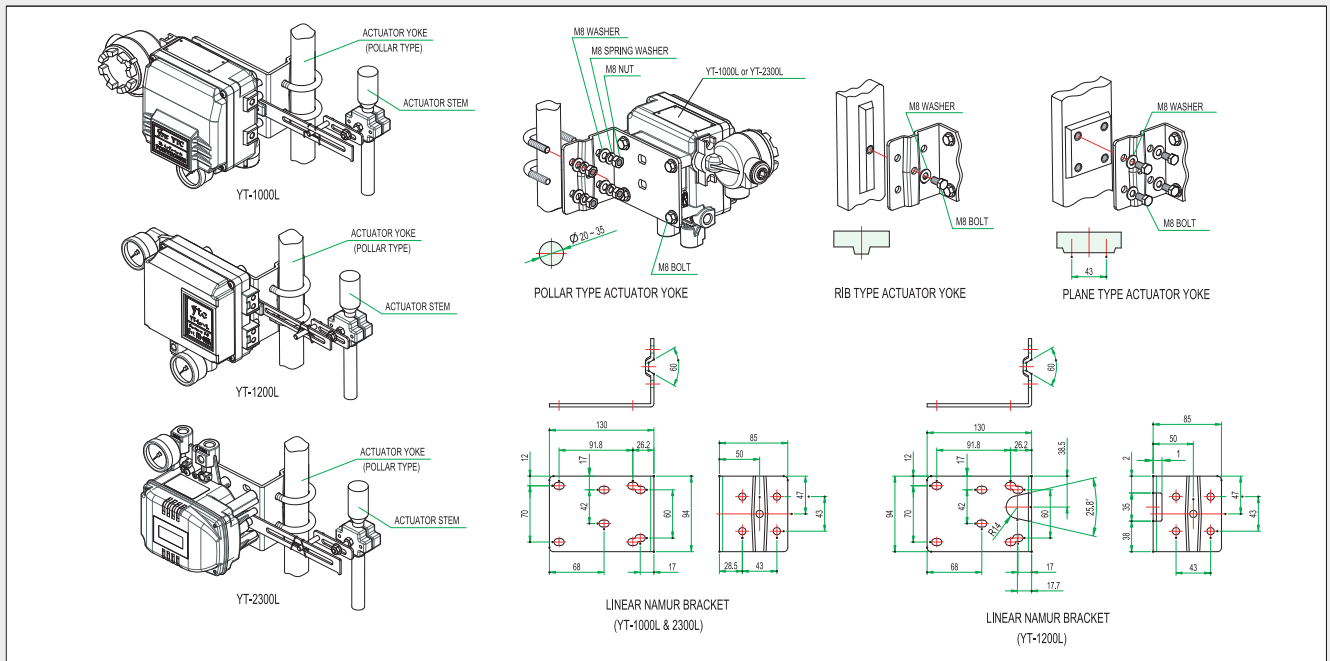
## YT-2300R & YT-2400R & YT-2500R & YT-2550 & YT-2600 & 3400 Bracket Series



## YT-3300 Bracket Series



## YT-1000L & 1200L & 2300L Namur Bracket Series



# Bracket, Lever

## YT-830 & 850 & 870 & 875 Bracket Series

YT-830, 850, 870, 875

YTC  
 YT-830  
 YT-850  
 YT-870  
 YT-875

MODEL NO.	H1	H2	L1	L2	REMARK
ST-1	20	30.5	80	100	
ST-2	30	40.5			
ST-3	30	40.5	130	150	
ST-4	50	60.5			

UNIT: mm

Stainless type

YT-830(Only)

YTC  
 YT-830

MODEL NO.	H1	H2	L1	REMARK
PL-1	20	34	80	2EA/1SET
PL-2	30	44		
PL-3	30	44	130	
PL-4	50	64		

UNIT: mm

Plastic type

## Lever

Type 1, 2, 3

Lever Type	Stroke	L1	L2	W
1	10~40	121.2	68.2	20
2	30~70	195	120	
3	60~100	277	122	
4	110~150	400	122	

UNIT: mm

Type 4

YT-1000 & 1200 Linear Type

Type 1, 2, 3

Lever Type	Stroke	L1	L2	W
1	10~40	93	67	20
2	20~70	153.5	106.5	
3	50~100	214	117	
4	100~150	307.3	117	

UNIT: mm

Type 4

2300 & 2400 & 2500 & 2550 & 2600 & 3400  
 & PTM-5V & 6V Linear Type

YT-2700 Linear Type

Stroke	L1	L2	W	H
5~35	96.3	80.3	20	13

UNIT: mm

PTM-5V Rotary Type

PTM-6V Rotary Type

Rotary Type

Lever Type	L1	L2	M
1	34	9	M6
2	63	37	M8
3	34	9	
4	63	37	

UNIT: mm

Rotary Type

Type 1, 2

Type 3, 4, 5

Lever Type	Stroke	L1	L2	L3	W
1 (Standard)	20~100	91	115	40.9	20
2 (Standard)	90~150	78	165		
3 (Adapter)	16~30	27	43		
4 (Adapter)	16~60	64	80		
5 (Adapter)	16~100	97	113		

UNIT: mm

YT-3300 Linear Type

BOTTOM LINE

Model	L1	L2
YT-1000, 1200	7	11
YT-2300, 2400, 2500	4	8

UNIT: mm

Namur Type

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[www.ytc.co.kr](http://www.ytc.co.kr)

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