



Since 1996
Control Valve Accessories

Smart Positioner



**Air Filter Regulator
Volume Booster**

**Electro-Pneumatic Positioner
Position Transmitter
Limit switch Box**





YT-1000R



YT-1000L

Model	YT-1000R	YT-1000L
Acting Type	Single Acting or Double Acting	
Input Signal	4~20mA DC	
Supply pressure	1.4~7 kgf / cm ² (20~100 psi)	
Stroke	0~90 °	10~150 mm
Impedance	250 Ohm	
Linearity	±1% F.S.	
Hysteresis	±1% F.S.	
Sensitivity	±0.2% F.S.	
Explosion Proof type	Ex dm IIB T5, Ex dm IIC T5, Ex dm IIB T6,	
Option	Transmitter or limit Switch	

Pneumatic-Pneumatic Positioner



YT-1200L



Model	YT-1200L	YT-1200R
Acting Type	Single Acting or Double Acting	
Input Signal	1.4~7 kgf / cm ³ (3~15 psi)	
Supply pressure	1.4~7 kgf / cm ³ (20~100 psi)	
Stroke	10~150 mm	0~90 °
-		
Linearity	±1% F.S.	±2% F.S.
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	±0.5% F.S.
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Option	Transmitter or limit Switch	





YT-2400R



YT-2400L

Model	YT-2400R	YT-2400L
Acting Type	Single Acting or Double Acting	
Input Signal	4~20mA DC	
Supply pressure	1.4~7 kgf / cm ² (0.14~0.7 MPa)	
Stroke	0~90 °	10~150 mm
Impedance	Max 430 Ohm / 20 mA DC	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Explosion Proof type	ExdIIB (+H ₂) T6	
Option	HART or +Transmitter or Limit Switch	



YT-2500R



YT-2500L

Model	YT-2500R	YT-2500L
Acting Type	Single Acting or Double Acting	
Input Signal	4~20mA DC	
Supply pressure	1.4~7 kgf / cm ² (0.14~0.7 MPa)	
Stroke	0~90 °	10~150 mm
Impedance	Max 460 Ohm / 20 mA DC	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Explosion Proof type	Ex ia IIC T6/T5	
Option	HART or +Transmitter or Limit Switch	



YT-2501L (Sensor)

YT-2501 (Body)

Model	YT-2501R	YT-2501L
Acting Type	Single Acting or Double Acting	
Input Signal	4~20mA DC	
Supply pressure	1.4~7 kgf / cm ² (0.14~0.7 MPa)	
Stroke	0~90 °	10~150 mm
Impedance	Max 460 Ohm / 20 mA DC	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Explosion Proof type	Ex ia IIC T6/T5	
Option	HART or +Transmitter	



YT-2700

Model	YT-2700R	YT-2700L
Acting Type	Single Acting or Double Acting	
Input Signal	4~20mA DC	
Supply pressure	1.4~7 kgf / cm ² (0.14~0.7 MPa)	
Stroke	0~90 °	5~35 mm
Impedance	Max 460 Ohm / 20 mA DC	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Explosion Proof type	Ex ia IIC T6/T5	
Option	HART or +Transmitter	



YT-3300



YT-3300R+L/S

Model	YT-3300R	YT-3300L
Acting Type	Single Acting or Double Acting	
Input Signal	4~20mA DC	
Supply pressure	1.4~7 kgf / cm ² (0.14~0.7 MPa)	
Stroke	0~90 °	20~150 mm
Impedance	Max 460 Ohm / 20 mA DC	
Linearity	±0.5% F.S.	
Hysteresis	±0.5% F.S.	
Sensitivity	±0.2% F.S.	
Explosion Proof type	Ex ia IIC T6/T5	
Option	HART or +Transmitter or Limit Switch	





Standart Özellikler	
Besleme Gerilimi	24V/DC
Giriş Sinyali	4-20mA/0-20mA/0-5V/0-10V
Çıkış Sinyali	4-20mA
Güç Tüketimi	4 Watt
Ortam Sıcaklığı	-10/+60°C
Besleme Basıncı	0-7 Bar
Akış Kapasitesi	20/50 LPM
İnme	5-50 mm
Hava Bağlantısı	1/8"
Ağırlık	520 g

Air Filter Regulator



YT-200



YT-205

Mode	YT-205
Max. Output pressure	8.4 kgf / cm ² (120 psi)
Max. Supply pressure	15 kgf / cm ² (231 psi)
Ambient Temp.	-20 ~ 70 °C (-4 ~ 158 °F)
Min Filtering size	5 micron



Volume Booster



YT-310



YT-315



YT-320



YT-305

YT-325

Model	YT-300 YT-305	YT-310 YT-315	YT-320 YT-325	
Max. Supply Pressure	10 kgf/cm ³ (142 psi)			
Max. Signal/Supply Pressure	7 kgf / cm ³ (100 psi)			
Flow Capacity	output	1.02	4.98	2.32
	exhaust	0.86	3.85	1.78
In/ Output Connection	PT (NPT)1/4	NPT 3/4	NPT 1/2	
Signal Connection	PT (NPT)1/4			
Linearity	±1% F.S.			
Ambient Temp.	-20 °C ~ 70 °C (-4 ~158 °F)			
Material	YT-300, YT310, YT-320			
	Aluminum Diecasting			
	YT-305, YT315, YT-325			
	Stainless Steel 315			



PTM-5VL



SPTM-5VL

Mode	PTM-5VL SPTM-5VL	PTM-5VR SPTM-5VR
Input type	2 Wire	
Input signal	0 - 30°	0 - 90°
Output signal	4 ~ 20 mA DC	
Load Resistance	0 ~ 600 Ohm / 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.	

Limit siwitch Box



YT-870



YT-875



Model	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	12-24V DC (Operating valtage: 10-30V DC) P&F Type: 0-25VDC	AC: 125 or 250V 10A, 480V 2A
Enclosure Protection	IP67		
Explosion Proof	Ex d IIC T6		
Ambient Temp.	-20 °C ~ 60 °C		
Conduit Entry	NPT 3/4 (PF3/4, M20)		
Terminal	8 Points		
Mouting Bracket	NAMUR VDI / VDE 3845, ISO 5211		
Material	YT-870	Aluminum Diecasting	
	YT-875	Stainless Steel 315	

