

# PNEUMATIC POSITIONERS YT SERIES

## Standard

## 3-15 PSI

YT 1200 Series	
Input Signal	3-15 PSI
Supply Pressure	20-100 PSI
Stroke	0-90°
Air Connection	PT (NPT) ¼"
Gage Connection	PT (NPT) ⅛"
Protection	IP66
Ambient Temp	-20~70°... (-4~158°F)
Linearity	±2% F.S.
Hysteresis	±1% F.S.
Sensitivity	±0.5% F.S.
Repeatability	±0.5% F.S.
Air Consumption	0.11 CFM (Sup.=20 PSI)
Flow Capacity	2.8 CFM (Sup.=20 PSI)
Material	Aluminum Diecasting
Weight	1.7kg (3.1 lb)

YT 1200-02/04 with Limit Switches	
Input Type	2 Wire
Input Signal	90°
Output Signal	4-20mA
Load Resistance	Max.880Ω/30VDC
Noise Range	50mVp.p
Adjustable Range	Zero : ±10% Span : ±60~110%
Protection	IP66
Linearity	±1%
Sensitivity	±0.2%
Hysteresis	±0.2%
Supply Voltage	9-30VDC

YT 1200-03 Internal w/Position Transmitter	
Input Type	2 Wire
Input Signal	90°
Output Signal	4-20mA
Load Resistance	Max.880Ω/30VDC
Noise Range	50mVp.p
Adjustable Range	Zero : ±10% Span : ±60~110%
Protection	IP66
Linearity	±1%
Sensitivity	±0.2%
Hysteresis	±0.2%
Supply Voltage	9-30VDC

YT-02 & YT-04 Limit Switches	
Rating	AC 0.6A 125V~16A
Switch Type	2 x SPDT

\*Special Order

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YT-Series  
Pneumatic Positioners

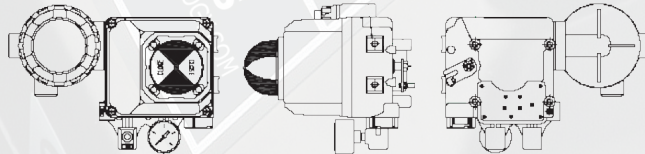
\*Available with beacon indicator

YT-1200	Pneumatic Positioner, 3-15 PSI w/Universal Mounting, Gages
YT-1202	Pneumatic Positioner, 3-15 PSI, w/External Limit Switch, Universal Mounting, Gages
YT-1203	Pneumatic Positioner, 3-15 PSI, w/External Position Transmitter, w/Universal Mounting, Gages
YT-1204	Pneumatic Positioner, 3-15 PSI, w/External Limit Switch & Position Transmitter, w/Universal Mounting, Gages
TEM	Hi & Low Temp Adder

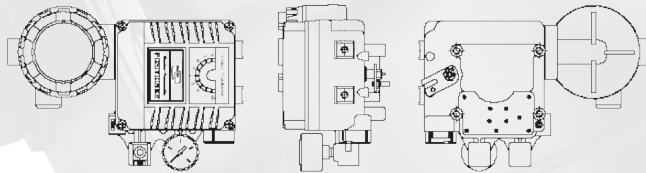


YT-03  
Series

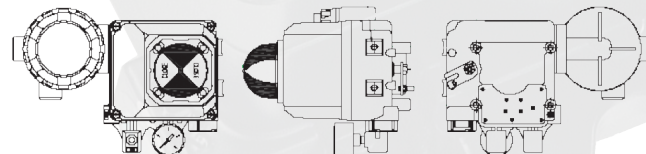
YT-02



YT-03



YT-04

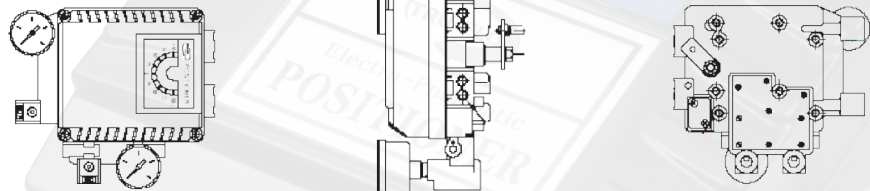


# ELECTRO PNEUMATIC POSITIONERS

YT-1000/1050	
Input Signal	4-20mA DC
Impedance	250±15Ω
Supply Pressure	20-100 PSI
Stroke	0-90°
Air Connection	¼" NPT
Gage Connection	⅜" NPT
Conduit	½" NPT
Protection	IP66
Ambient Operating Temp.	-4°F~158°F (-20°C~70°C)
Ambient Explosion Temp.	-4°F~140°F (-20°C~60°C)
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	0.11 CFM (Sup=20 PSI)
Flow Capacity	2.8 CFM (Sup=20 PSI)
Material	Aluminum Diecasting
Weight	2.8kg (6.2 lbs)



YT-1000L/1050L



**YT-Series**  
*Electro-Pneumatic  
Dome View Positioners*

YT-1050	Stainless Steel
YT-01	Electro-Pneumatic Positioner, 4-20mA, w/universal mounting, gages Available with dome
YT-03	Electro-Pneumatic Positioner w/internal position transmitter, w/universal mounting, gages

YT-1000R/1050R

