

# 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) 1/4"          |
| Gage Connection | PT (NPT) 1/8"          |
| 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%<br>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

| 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%<br>Span : ±60~110% |
| Protection                                 | IP66                           |
| Linearity                                  | ±1%                            |
| Sensitivity                                | ±0.2%                          |
| Hysteresis                                 | ±0.2%                          |
| Supply Voltage                             | 9-30VDC                        |

\*Special Order



**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**

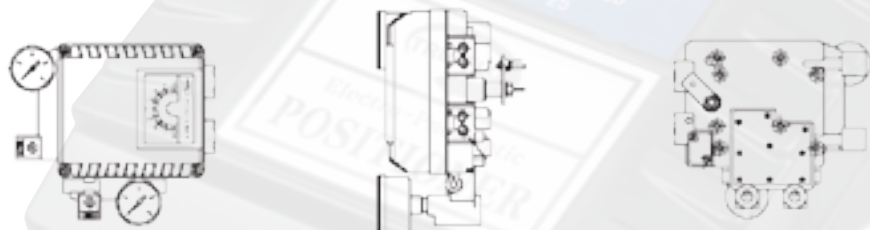


# ELECTRO PNEUMATIC POSITIONERS

| 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         | ⅛" NPT                     |
| Conduit                 | ½" NPT                     |
| Protection              | IP66                       |
| Ambient Operating Temp. | -4°F~158°F<br>(-20°C~70°C) |
| Ambient Explosion Temp. | -4°F~140°F<br>(-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<br>(Sup=20 PSI)   |
| Flow Capacity           | 2.8 CFM<br>(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<br>Available with dome  |
| YT-03   | Electro-Pneumatic Positioner w/internal position transmitter, w/universal mounting, gages |

YT-1000R/1050R

