

PNEUMATIC POSITIONER

LINEAR & ROTARY TYPE



FEATURES/SPECIFICATIONS:

- Easy maintenance
- Precise calibration with simple SPAN and ZERO adjustments
- Simple conversion to Direct Acting or Reverse Acting
- Split range control available by simple adjustments without changing parts
- Simple structure for feedback connection
- Corrosion-resistant aluminum diecast body
- Sensitive response for high performance
- Vibration resistant design
- Stainless steel gauges standard
- A restricted pilot valve orifice kit for small actuators included
- NAMUR mounting dimensions

Type Item	PPL		PPR	
	Linear Type (lever feedback)	Rotary Type (cam feedback)	Single	Double
Input Signal	3-15 psi (0.2-1.0 kgf/cm ²) (NOTE 1)			
Supply Air Pressure	100 psi Max. (7.0 kgf/cm ²)			
Standard Stroke	10-80mm (NOTE 2)	60-100° (NOTE 3)		
Air Piping Connection	1/4" NPT			
Ambient Temperature	-4 - 158°F (-20-70°C)			
Pressure Gauge	Stainless Steel			
Output Characteristics	Linear			
Linearity	Within ±1.0% F.S.	Within ±1.5% F.S.		
Sensitivity	Within 0.1% F.S.	Within 0.5% F.S.		
Hysteresis	Within 0.5% F.S.	Within 1.0% F.S.		
Repeatability	Within ±0.5% F.S.			
Air Consumption	0.18 CFM @ 20 psi			
Flow Capacity	2.83 CFM @ 20 psi			
Material	Aluminum Diecast Body			
Weight	4.63 lbs.			

NOTE: 1) Split range is available
 NOTE: 2) Feedback lever for stroke 80-150mm is available (PPL)
 NOTE: 3) Stroke can be adjusted to 0°-60° or 0°-100° (PPR)

ELECTRO-PNEUMATIC POSITIONER

LINEAR & ROTARY TYPE



FEATURES/SPECIFICATIONS:

- Easy maintenance
- Precise calibration with simple SPAN and ZERO adjustments
- Simple conversion to Direct Acting or Reverse Acting
- Split range control available by simple adjustments without changing parts
- Simple structure for feedback connection
- Corrosion-resistant aluminum diecast body
- Sensitive response for high performance
- Vibration resistant design
- Stainless steel gauges standard
- A restricted pilot valve orifice kit for small actuators included
- Optional built-in limit switches or 4-20 mA position transmitter for feedback
- Optional directly-mountable positioner

Type Item	EPL		EPR	
	Linear Type (lever feedback)	Rotary Type (cam feedback)	Single	Double
Input Signal	4...20 mA DC (NOTE 1)			
Input Resistance	235±15Ω			
Supply Air Pressure	Max. 100 psi (7.0 kgf/cm ²)			
Standard Stroke	10-80mm (NOTE 2)	60-100° (NOTE 3)		
Air Piping Connection	1/4" NPT			
Conduit Connection	1/2" NPT			
Explosion-Proof Classification	Exmd II BT6, Exmd II C(H ²)T6, IP66, Exia II Bt6			
Ambient Temperature	-4 - 158°F			
Pressure Gauge	Stainless Steel			
Output Characteristics	Linear			
Linearity	Within ±1.0% F.S.	Within ±1.5% F.S.		
Sensitivity	Within 0.1% F.S.	Within 0.5% F.S.		
Hysteresis	Within 0.5% F.S.	Within 1.0% F.S.		
Repeatability	Within ±0.5% F.S.			
Air Consumption	.18 CFM @ 20 psi			
Flow Capacity	2.83 CFM @ 20 psi			
Material	Aluminum Diecast Body			
Weight	6.5 lbs. with a terminal box			

NOTE: 1) 1/2 split range can be adjusted
 NOTE: 2) Feedback lever for stroke 80-150mm is available (EPL)
 NOTE: 3) Stroke can be adjusted to 0°-60° or 0°-100° (EPR)