

PNEUMATIC-PNEUMATIC POSITIONER PPL & PPR Series

PPL & PPR Series are the robust control devices that provide dependability in difficult environments

FEATURES

- Easy maintenance
- Precise calibration with simple SPAN and ZERO adjustments
- Simple conversion to direct acting or reverse acting
- 1/2 split range available
- Rugged aluminum housing with corrosion-resistant coating
- Vibration resistant design
- Stainless steel gauges standard
- Restricted pilot valve orifice kit for small actuators included



PPL (Linear Type)



PPR (Rotary Type)



SPECIFICATIONS

	PPL		PPR	
	Linear Type (lever feedback)		Rotary Type (cam feedback)	
	Single	Double	Single	Double
Input Signal	0.2 ~ 1.0bar (3 ~ 15psi) (Note.1)			
Supply Air Pressure	Max. 7.0bar (100psi)			
Standard Stroke	10 ~ 80mm (Note.2)		60 ~ 100 (Note.3)	
Pneumatic Connections	Rc 1/4 (NPT 1/4)			
Ambient Temperature	-20 ~ 70			
Pressure Gauge	Stainless Steel			
Output Characteristics	Linear			
Linearity	Within + 1.0 % F.S		Within + 1.5 % F.S	
Sensitivity	Within 0.2 % 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	5 LPM (Sup. 1.4bar)			
Flow Capacity	80 LPM (Sup. 1.4bar)			
Body Material	Aluminium Diecast			
Weight	2.1 kg			

[Note] : 1) 1/2 split range can be adjusted
 2) Feedback lever is available for stroke 80~150mm (PPL)
 3) Stroke can be adjusted to 0°~60° or 0°~100° (PPR)

HOW TO ORDER



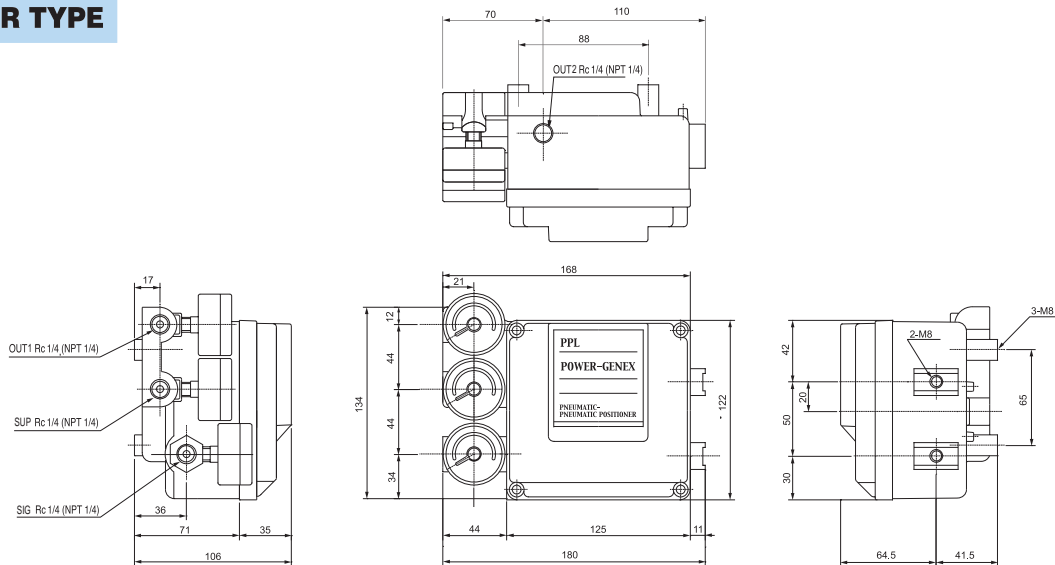
Description	Code
Actuator Operation :	L : Linear Type R : Rotary Type
Feedback Lever :	A : Stroke (10~80mm) B : Stroke (80~150mm)
<ul style="list-style-type: none"> Linear Type Rotary Type 	A : Fork Lever M6 × 40L B : Fork Lever other size on request N : Namur Shaft (direct mounting)
Pressure Gauge :	0 : 2bar (30psi) 1 : 6bar (90psi) 2 : 10bar (150psi)

Description	Code
Pilot Valve Orifice :	S : Standard (actuator volume over 180cm ³) M : Small Orifice (∅ 1.0 or ∅ 0.7) (actuator volume 90~180cm ³)
Mounting Bracket :	N : None L : DIN / IEC534 (for PPL) R : DIN VDI / VDE3845 (for PPR) F : DHCT Bracket 80 x 30

DIMENSIONS

unit : mm

PPL - LINEAR TYPE



PPR - ROTARY TYPE

