PPL

Robust valve control device giving a confidence in reliable performance and outstanding durability under harsh working environments

Features

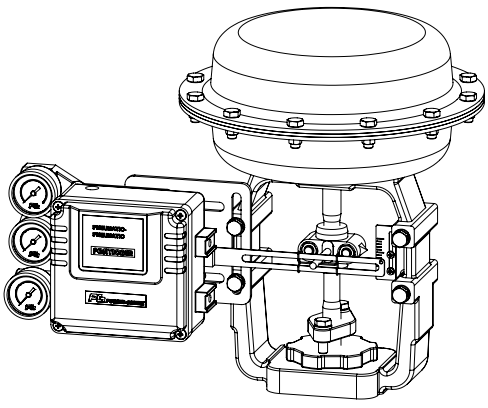
- Easy maintenance
- Precise calibration with simple SPAN and ZERO adjustments
- Simple conversion to direct acting or reverse acting
- 1/2 split range available
- Rugged aluminum housing with corrosion-resistant coating
- Vibration resistant design
- Stainless steel gauges standard
- Restricted pilot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

Options

- High temperature

Specifications

	PPL	
	Linear Type (Lever Feedback)	
	Single	Double
Input Signal	0.2 - 1.0 bar (3 - 15 psi) (Note.1, 2)	
Supply Air Pressure	Max. 7.0 bar (100 psi)	
Standard Stroke	10 - 80 mm (Note.3)	
Pneumatic Connections	Rc 1/4 or 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 1.0 % F.S	
Repeatability	Within ± 0.5 % F.S	
Air Consumption	5 LPM (Sup. 1.4 bar)	
Flow Capacity	80 LPM (Sup. 1.4 bar)	
Body Material	Aluminium die-cast	
Weight	2.1 kg	



Note : 1) 1/2 spilt range is available for 3-9 psi input signal or 9-15 psi input signal
2) Please contact for 6-30 psi input signal
3) Feedback lever can be extended to stroke 80 - 150mm

How to Order

PPL — [Feedback Lever] [Pressure Gauge (SUP. OUT)] [Pilot Valve Orifice] [Connection Threads] [High Temp] [Mounting Bracket]

Description	Code
Feedback Lever :	A : Stroke (10 ~ 40 mm) B : Stroke (10 ~ 80 mm) C : Stroke (80 ~ 150 mm)
Pressure Gauge :	1 : 6 bar (90 psi) 2 : 10 bar (150 psi)
Pilot Valve Orifice :	S : Standard (Actuator volume over 180 ㎤) M : Small orifice (ϕ1.0 or ϕ0.7) (Actuator volume 90~180 ㎤)

Description	Code
Connection Threads : **(pneumatic)**	3 : Rc 1/4 4 : NPT 1/4
High Temperature :.	T : 70℃ (standard) H : 120℃
Mounting Bracket :	N : None L : DIN / IEC 534

Dimensions