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

Features

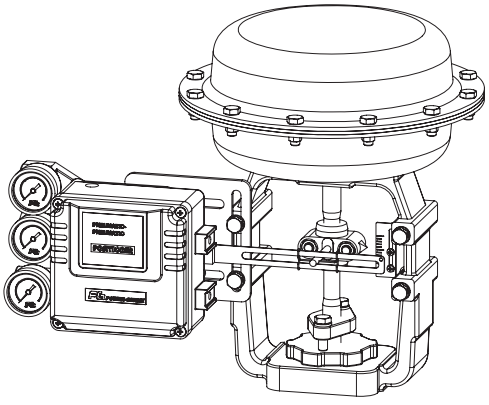
- Easy maintenance
- Precise calibration with simple SPAN and ZERO adjustments
- Simple conversion to direct acting or reverse acting
- 1/2 split range available
- Rugged aluminum housing with corrosion-resistant coating
- Vibration resistant design
- Stainless steel gauges standard
- Restricted pilot 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	PT(Rc) 1/4 or NPT 1/4	
Ambient Temperature	-20 ~ +70℃ (Note. 4)	
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
4) High temperature option : up to +120℃

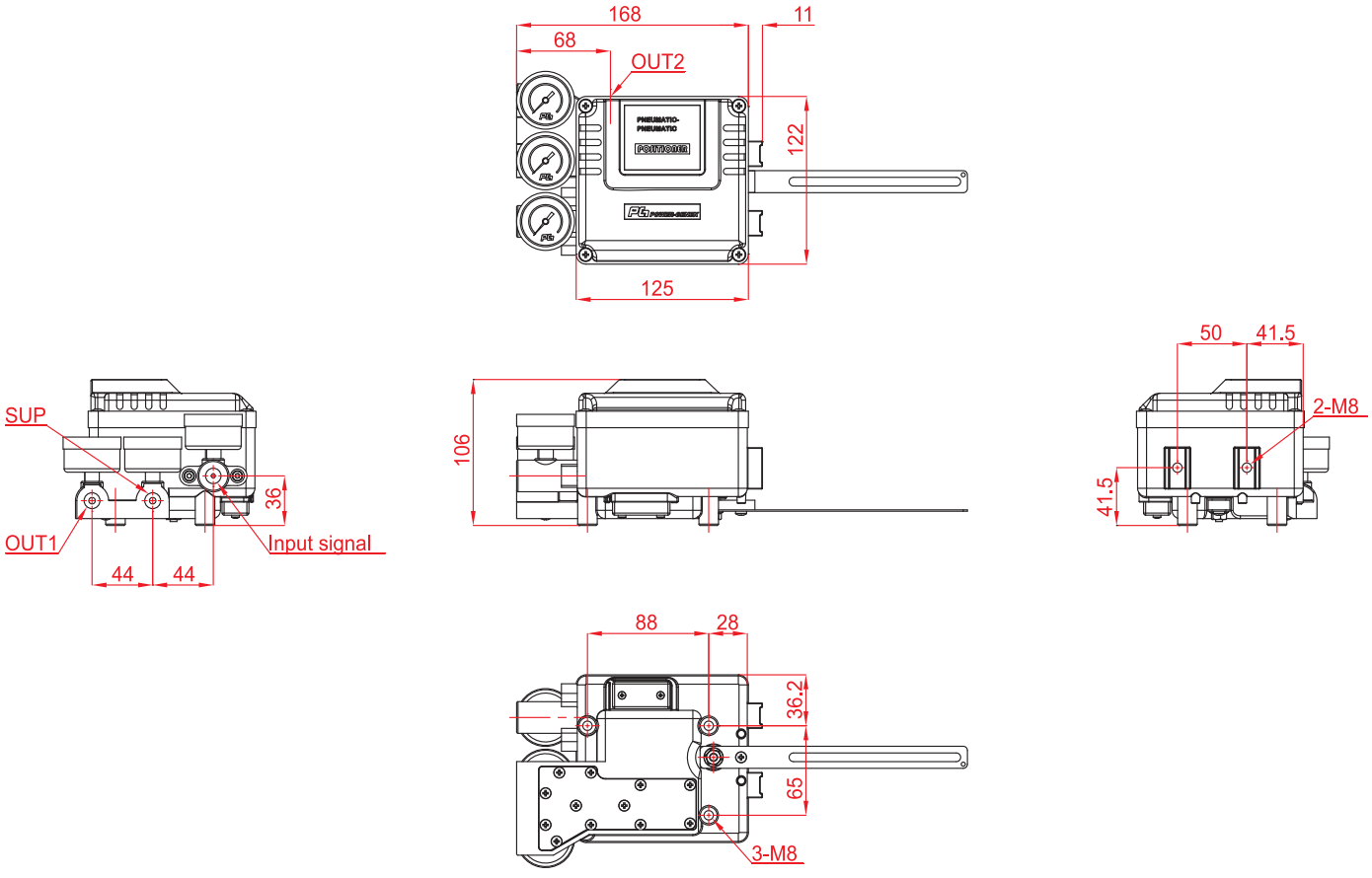
How to Order

PPL — | Feedback Lever | Pressure Gauge | Pilot Valve Orifice | Connection Threads | Operating Temperature | Mounting Bracket

Description	Code
Feedback Lever :	A : Stroke 10 ~ 40mm B : Stroke 10 ~ 80mm C : Stroke 80 ~ 150mm
Pressure Gauge :	1 : 6 bar (90psi) 2 : 10 bar (150psi)
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 : PT(Rc) 1/4 4 : NPT 1/4
Operating Temperature :	T : 70℃ (standard) H : 120℃ L : -40℃
Mounting Bracket	N : None L : DIN / IEC 60534-6-1

Dimensions



PPR

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Features

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- 1/2 split range available
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- Vibration resistant design
- Stainless steel gauges standard
- Restricted pilot valve orifice kit for small actuators included

Options

- Position transmitter (4-20mA output signal)
- 2 x SPDT limit switch
- 2 x P&F proximity sensor NJ2-V3-N
- Visual dome indicator
- High temperature

Specifications

	PPR	
	Rotary Type (Cam 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	60 - 100° (Note.3)	
Pneumatic Connections	PT(Rc) 1/4 or NPT 1/4	
Ambient Temperature	-20 ~ +70℃ (Note. 4)	
Pressure Gauge	Stainless steel	
Output Characteristics	Linear	
Linearity	Within ± 1.0 % F.S	Within ± 1.5 % F.S
Sensitivity	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	2.5 kg	

With Dome Indicator

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) Operating angle can be adjusted to 0~60° or 0~100°
4) High temperature option : up to +120℃ without feedback options
up to +85℃ with feedback options

How to Order

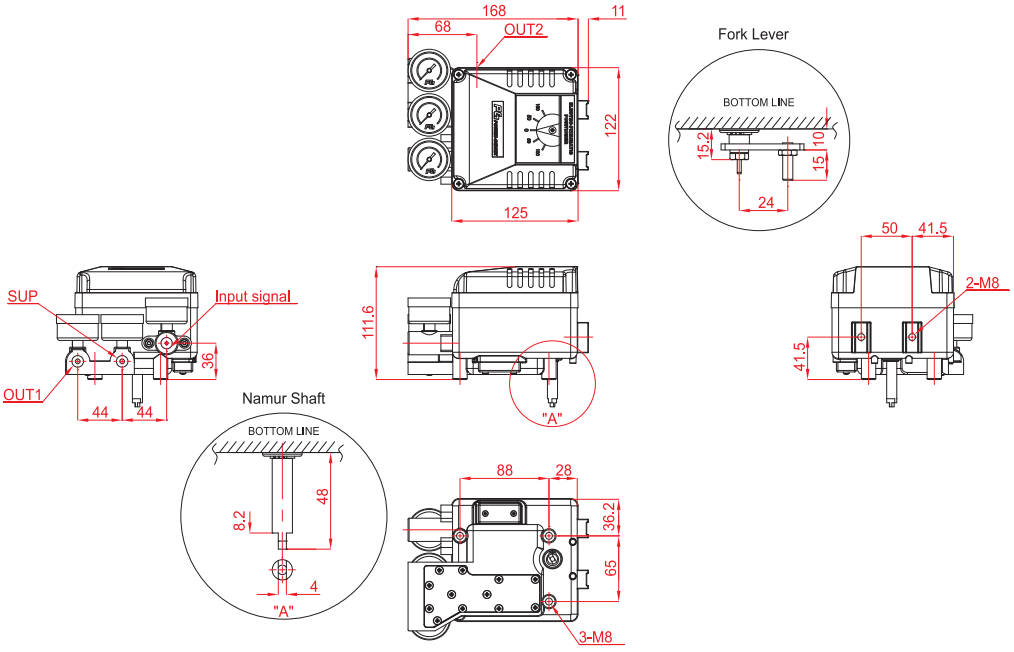
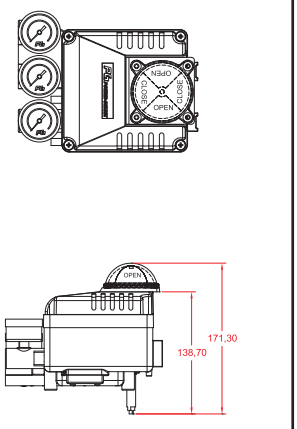
PPR — | Feedback Lever | Pressure Gauge | Pilot Valve Orifice | Position Feedback | Connection Threads | Dome Indicator | Operating Temperature | Mounting Bracket |

Description	Code
Feedback Shaft :	N : NAMUR shaft (direct mounting) A : Fork lever M6 x 40L B : Fork lever other size on request
Pressure Gauge :	1 : 6 bar (90psi) 2 : 10 bar (150psi)
Pilot Valve Orifice :	S : Standard (Actuator volume over 180㎤) M : Small orifice (Φ1.0 or Φ0.7) (Actuator volume 90 ~ 180㎤)
Position Feedback :	N : None (standard) O : Position transmitter (4 ~ 20mA output signal) L : 2 x SPDT limit switch P : 2 x proximity sensor P&F NJ2-V3-N M : O + L Q : O + P

Description	Code
Connection Threads : (pneumatic)	3 : PT(Rc) 1/4 4 : NPT 1/4
Dome Indicaotr :	N : Flat indicator (standard) D : Dome indicator
Operating Temperature :	T : 70℃ (standard) H : 120℃ (without position feedback option) 85℃ (with position feedback option) L : - 40℃ (without position feedback option)
Mounting Bracket **- NAMUR Shaft Type :**	N : None R : Multi-size NAMUR bracket for DIN VDI/VDE 3845 (130 x 30 x 50 bracket on request)
- Fork Lever Type	F : DHCT bracket 80x30 for fork lever type E : Multi-size NAMUR bracket for Fork lever type (130 x 30 x 50 bracket on request)

Dimensions

A. With Flat Indicator



B. With Dome Indicator