

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

## Features

- 1.- Easy maintenance.
- 2.- Precise calibration with simple SPAN and ZERO adjustments.
- 3.- Simple conversion to direct acting or reverse acting.
- 4.- 1/2 split range available.
- 5.- Rugged aluminum housing with corrosion-resistant coating.
- 6.- Vibration resistant design.
- 7.- Stainless steel gauges standard.
- 8.- 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 temperatura.

## Specifications

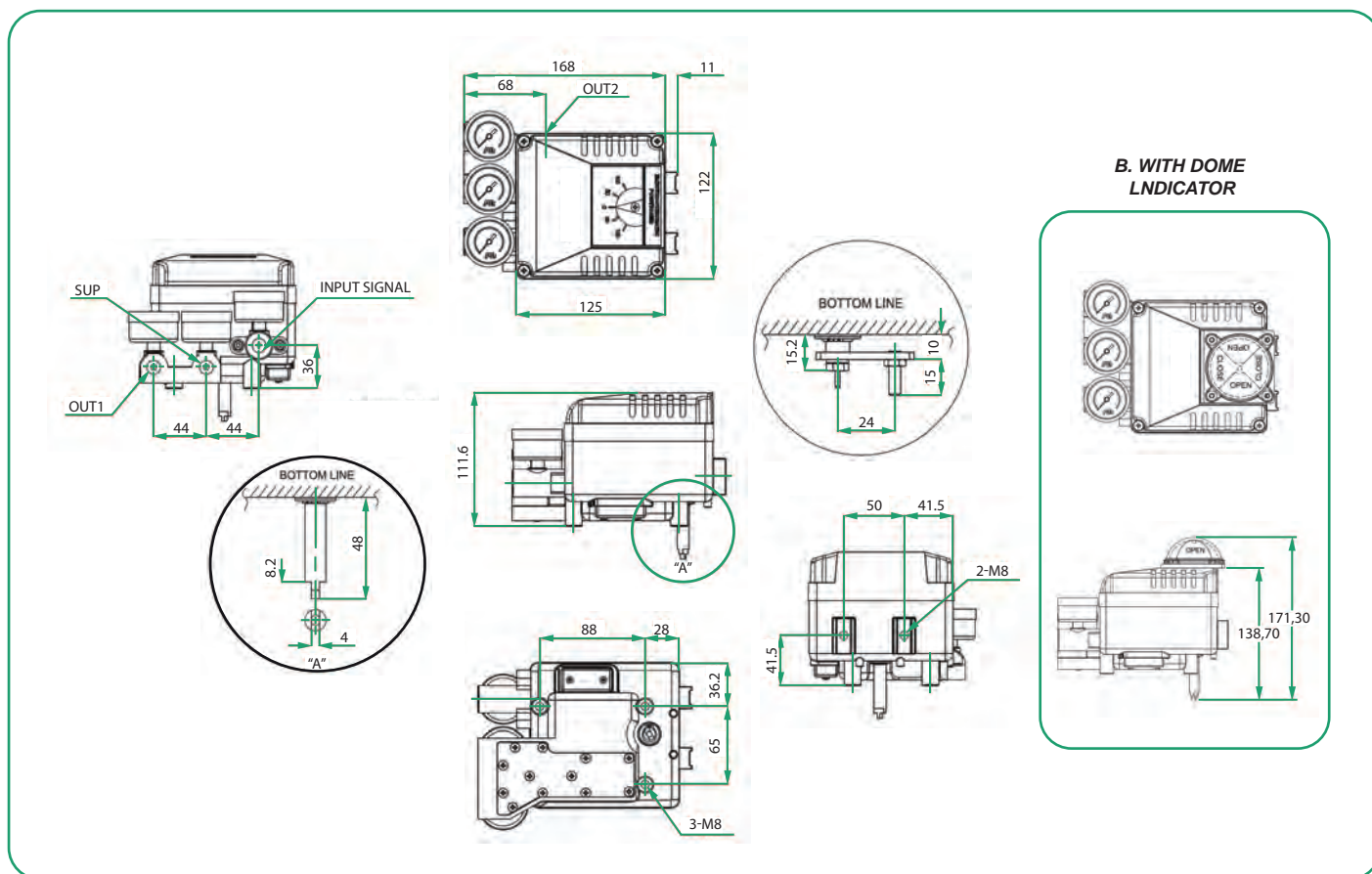


MODEL	PPR ROTARY TYPE (CAM FEEDBACK)	
	SINGLE	DOUBLE
Input Signal	0.2 - 1.0 bar (3 - 15 psi) (Note.1, 2)	
Supply Air Pressure	Max. 7.0 bar (100 psi)	
Standard Stroke	60 - 100° (Note.3)	
Pneumatic Connections	PT(Rc) 1/4 or NPT 1/4	
Ambient Temperature	-20 ~ +70°C (Note. 4)	
Pressure Gauge	Stainless steel	
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	

#### NOTES:

- 1) 1/2 split 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°C without feedback options.  
up to +85°C with feedback options.

## Dimensions



## How to Order



DESCRIPTION	CODE	DESCRIPTION	CODE
<b>Feedback Shaft:</b>	<b>N</b> NAMUR shaft (direct mounting) <b>A</b> Fork lever M6 x 40L <b>B</b> Fork lever other size on request	<b>Connection Threads :</b>	<b>3</b> PT(Rc) 1/4 <b>4</b> NPT 1/4
<b>Pressure Gauge:</b>	<b>1</b> 6 bar (90psi) <b>2</b> 10 bar (150psi)	<b>Dome Indicator :</b>	<b>N</b> Flat indicator (standard) <b>D</b> Dome indicator
<b>Pilot Valve Orifice:</b>	<b>S</b> Standard (Actuator volume over 180cm <sup>3</sup> ) <b>M</b> Small orifice ( Φ1.0 or Φ0. 7 ) (Actuator volume 90 ~ 180cm <sup>3</sup> )	<b>Operating Temperature :</b>	<b>T</b> 70°C (standard) <b>H</b> 120°C (without position feedback option) 85°C (with position feedback option) <b>L</b> - 40°C (without position feedback option)
<b>Position Feedback:</b>	<b>N</b> None (standard) <b>O</b> Position transmitter (4 ~ 20mA output signal)  <b>L</b> 2 x SPDT limit switch <b>P</b> 2 x proximity sensor P&F NJ2-V3-N <b>M</b> O+L <b>Q</b> O+P	<b>Mounting Bracket</b>	<b>N</b> None <b>R</b> Multi-size NAMUR bracket for DIN VDI 3845 (130 x 30 x 50 bracket on request) <b>F</b> DHCT bracket 80x30 for fork lever type <b>E</b> Multi-size NAMUR bracket for Fork lever type (130 x 30 x 50 bracket on request)
		<b>•NAMUR Shaft Type :</b>	
		<b>•Fork Lever Type :</b>	