

SPECIFICATIONS

Applicable Fluid	Air		
Acting Type	<input type="checkbox"/> Single	<input type="checkbox"/> Double	
Input Signal	0.2 ~ 1kgf/cm ² (3 ~ 15psi)		
Supply Pressure	1.4 ~ 7kgf/cm ² (20 ~ 100psi)		
Stroke	0~90°		
Protection	IP66		
Air Connection	PT(NPT) 1/4		
Gauge Connection	PT(NPT) 1/8		
Pressure Gauge (Output Pressure)	<input type="checkbox"/> 0~2kgf/cm (0~28 psi)		
	<input type="checkbox"/> 0~4kgf/cm (0~57 psi)		
	<input type="checkbox"/> 0~10kgf/cm (0~140 psi)		
Ambient Temp.	-20° C~70° C (-4° F~158° F)		
Linearity	±2.0% F.S.		
Hysteresis	±1.0% F.S.		
Sensitivity	±0.5% F.S.		
Repeatability	±0.5% F.S.		
Air Consumption	0.11 CFM (Sup.=20psi)		
Max. Flow Capacity	2.8 CFM (Sup.=20psi)		
Material	Aluminum Diecasting		
Weight	1.7kg (3.1lb)		
Lever Type	<input type="checkbox"/> M6	<input type="checkbox"/> L=34	<input type="checkbox"/> Namur
	<input type="checkbox"/> M8	<input type="checkbox"/> L=63	

Specifications (Transmitter)

Input Type	2 Wire	Ambient Temp.	Operating	-30° C~85° C (-22~185° F)
Output	4 ~ 20mA DC	Explosion		-20° C~60° C (-4~140° F)
Noise Range	50mV p.p	Linearity		±1% F.S.
Explosion Proof	ExdIICT6	Hysteresis		±0.2% F.S.
Protection	IP 66	Sensitivity		±0.2% F.S.
Input Signal	0 ~ 90°	Input Voltage		15~30V DC
Load Resistance	Max. 880 Ohm / 30V DC	Weight		1.3kg (2.9lb)
Cable Entry	PF 3/4, (G 3/4)	Material		ALUMINUM DIECASTING

*For Connect Lever Assembly Details, see PNY02 Drawing

Item No.	DESCRIPTION	Material	
1	BASE BODY	ALDC12	
2	BASE COVER	ALDC12	
3	CONNECT LEVER ASSEMBLY	STS 303, 304P	
4	MAIN SHAFT	STS 303	
5	PRESSURE GAGE	STS 304	
6	PTM 6VR	ALDC12	
7	BRACKET BLOCK	AL	
8	PTM BRACKET	ALDC12	BY: SE DATE: 8/14/08
9			REVISIONS: 3

ASSEMBLY DRAWING


Figure No's: PNY03 Reference No.

Description: Pneumatic Positioner, 3-15 psi, w/ Ext PTM, w/Universal Mtg, Gages

MAX-AIR TECHNOLOGY, INC.

PNY03

Pneumatic Positioner
w/ Position Transmitter



DATE: 8/06/2008