



SPECIFICATIONS

Positioner	Applicable Fluid	Air		
	Acting Type	<input type="checkbox"/> Single	<input type="checkbox"/> Double	
	Input Signal	4~20 mA DC		
	Impedance	250 ±15 Ω		
	Supply Pressure	1.4 ~ 7 Kg/cm ² (20 ~ 100 psi)		
	Stroke	0° ~ 60°, 0° ~ 90°		
	Connection	(NPT) 1/4		
	Conduit	PF 1/2 (G 1/2), (NPT) 1/2		
	Gauge Port	(NPT) 1/8		
	Explosion Proof	Non-Explosion Proof		
	pressure Gauge	<input type="checkbox"/> 0~28 psi	<input type="checkbox"/> 0~57 psi	<input type="checkbox"/> 0~140 psi
	Ambient Temp	-4°~158°F		
	Linearity	±1.0% F.S.	±2.0% F.S.	
	Hysteresis	±1% F.S.		
	Sensitivity	±0.2% F.S.	±0.5% F.S.	
Repeatability	±0.5% F.S.			
Air Consumption	0.11 CFM (Sup.=20 psi)			
Flow Capacity	2.8 CFM (Sup.=20 psi)			
Weight	3.6 kg (7.9 lb)			
Actuator Shaft	M6	M8		
	<input type="checkbox"/> L=40	<input type="checkbox"/> L=63	<input type="checkbox"/> L=40 <input type="checkbox"/> L=63	
Material	ALUMINUM DIECASTING			

TRANS MITTER	Input Type	2 Wire
	Input Signal	90°
	Output Signal	DC4 ~ 20mA DC
	Load Resistance	0 ~ 600 Ohm
	Noise Range	50mV pp
	Adjustment	Zero : ±10% , Span : 60 ~110%
	Protection	IP67
	Linearity	±1% F.S.
Limit Switch	Sensitivity	±0.2% F.S.
	Hysteresis	±0.2% F.S.
	Supply Voltage	DC15 ~ 30V
	Rating	16A 1/2HP 125/250VAC 0.6A 125VDC ~ 0.3A 250VDC 5A 125VAC LT130
Limit Switch	Over Travel	0.8mm Max
	Switch Type	2 X SPDT
	Temperature rating	-40°~185°F
Differential Force	1.6mm Max	

Item No.	DESCRIPTION	Material
1	BASE BODY	ALDC12
2	BASE COVER	ALDC12
3	JUNCTION BOX	ALDC12
4	CONNECT LEVER ASS'Y	STS 303, 304P
5	ACTUATOR SHAFT	STS 303
6	PRESSURE GAUGES	STS 304
7	INDICATOR	PLASTIC

ASSEMBLY DRAWING

Figure No's: PEY04 Reference No.

Description: E-P Positioner w/ Int LS & PTM, w/ Universal Mtg, Gages

MAX-AIR TECHNOLOGY, INC.

PEY04

Electro-Pneumatic Positioner
w/ Position Transmitter & Internal Limit Switch

Max-Air TECHNOLOGY
TM

BY: SE DATE: 8/13/08 DESC.
REVISIONS: 2 DATE: 7/15/2008