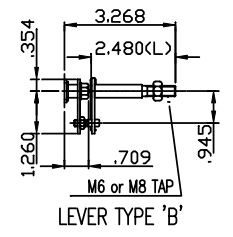
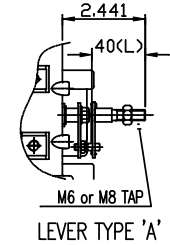


SPECIFICATIONS (POSITIONER)

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	1.4~7.0 Kgf/cm ² (20~100 psi)	
Stroke	0° ~ 60°, 0° ~ 90°	
Connection	(N)PT 1/4	
Conduit	PF 1/2 (G 1/2)	
Gauge Port	(N)PT 1/8	
Explosion Proof	<input type="checkbox"/> ExdmllBT6	<input type="checkbox"/> ExdmllCT6 <input type="checkbox"/> ExiallBT6
pressure Gauge	<input type="checkbox"/> 0-28 psi	<input type="checkbox"/> 0-57 psi <input type="checkbox"/> 0-142 psi
Ambient Temp	-4° F~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	4 kg (8.8 lb)	
Actuator Shaft	M6 <input type="checkbox"/> L=40	M8 <input type="checkbox"/> L=63 <input type="checkbox"/> L=40 <input type="checkbox"/> L=63
Material	ALUMINUM DIECASTING	

SPECIFICATIONS (LIMIT SWITCH BOX)

Limit Switch	Rating	16A 1/2HP 125/250VAC 0.6A 125VDC ~ 0.3A 250VDC 5A 125VAC LT130
	Over Travel	0.8mm MAX
	Switch Type	2x SPDT
	Temperature Rating	-4° F~140° 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 ASSEMBLY	STS 303, 304P
5	PRESSURE GAGE	STS 304
6	LIMIT SWITCH BOX	ALDC12
7	BRACKET BLOCK	AL
8	PTM BRACKET	ALDC12
9		

ASSEMBLY DRAWING

Figure No's: PEX02 Reference No.

Description: Explosion Proof E-P Positioner w/ Ext LS, w/ Universal Mtg, Gages

MAX-AIR TECHNOLOGY, INC.

PEX02

Explosion Proof Electro-Pneumatic Positioner
w/ Internal Limit Switch

BY: SE DATE: 8/13/08

REVISIONS: 2

DATE: 8/05/2008