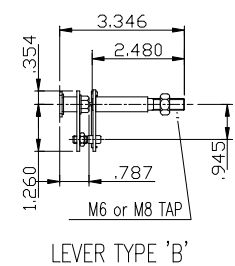
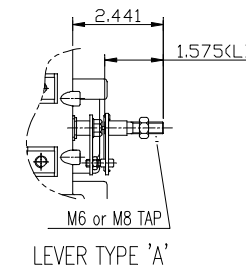


### SPECIFICATIONS (POSITIONER)

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 <sup>2</sup> (20~100 psi)	
Stroke	0° ~ 60°, 0° ~ 90°	
Connection	(N)PT 1/4	
Conduit	PF 1/2 (G 1/2), (N) PT1/2	
Gauge Port	(N)PT 1/8	
Explosion Proof	<input type="checkbox"/> ExdmlIBT5	<input type="checkbox"/> ExdmlICT5 <input type="checkbox"/> ExialIBT5
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	<input type="checkbox"/> L=40mm <input type="checkbox"/> L=63mm <input type="checkbox"/> NAMUR	<input type="checkbox"/> M6 <input type="checkbox"/> M8
Material	ALUMINUM DIECASTING	

### SPECIFICATIONS (TRANSMITTER)

Input Type	2 Wire	Explosion Proof	ExdIICT6
Input Signal	0°~90°	Protection	IP67
Output Signal	4 ~ 20mA DC	Linearity	±1% F.S.
Load Resistance	0 ~ 600 Ohm	Hysteresis	±0.2% F.S.
Noise Range	50mV p.p	Sensitivity	±0.2% F.S.
Conduit	PF 1/2 (G 1/2)	Supply Voltage	15 ~ 30V DC
Adjutment	Zero : ±10% Span:60~110%	Ambient Temp	-4° F~158° F
		Conduit	PF 1/2 (G 1/2)



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	PTM 6VR	ALDC12
7	BRACKET BLOCK	AL
8	PTM BRACKET	ALDC12
9		

BY: SE DATE: 8/5/08  
REVISIONS: 1

ASSEMBLY DRAWING

Figure No's: PEX03 Reference No.

Description: Exp Proof E-P Positioner w/ Ext PTM, w/ Universal Mtg, Gages

MAX-AIR TECHNOLOGY, INC.

PEX03

Explosion Proof Electro-Pneumatic Positioner  
w/ PTM

DATE: 8/05/2008