


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), (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°	Linearity	±1% F.S.
Output Signal	4 ~ 20mA DC	Hysteresis	±0.2% F.S.
Load Resistance	0 ~ 600 Ohm	Sensitivity	±0.2% F.S.
Noise Range	50mV p.p	Supply Voltage	15 ~ 30V DC
Conduit	PF 1/2 (G 1/2)	Ambient Temp	-4° F~158° F

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

ASSEMBLY DRAWING	
Figure No's: PEX04	Reference No.
Description: Exp Proof E-P Positioner w/ Ext PTM & LS, w/ Uni Mtg, Gages	
MAX-AIR TECHNOLOGY, INC.	
PEX04 Explosion Proof Electro-Pneumatic Positioner w/ PTM & LS	
	
DATE: 8/05/2008	