

1 2 3 4 5 6 7 8

REV. NO. A REVISION DESCRIPTION DATE APPROVED

OUT 2 (N)PT 1/4

68.1 168.2 11 121.8 125 ④ ③

Electrical Connections
Cable Gland : PG16
PF 1/2

SUP (N)PT 1/4

OUT1 (N)PT 1/4

44

106 49.2 ② ①

28.9 50.4 40.9 2-M8x1.25PxDP1Q

41.5

—SPECIFICATIONS

EPL		
Linear Type (Lever Feedback)		
Acting Type	Single	Double
Input Signal	4~20 mA DC (Note. 1)	
Input Resistance	235 ± 15 Ω	
Air Supply	Max. 7.0 bar (100 psi) free of oil, water, and moisture	
Standard Stroke	10 ~ 80mm (Note. 2)	
Pneumatic Connections	PT(Rc) 1/4 or NPT 1/4	
Electrical Connections	PF(G) 1/2 or NPT 1/2 or M20 x 1.5	
Protection Class	Ex ia IIC T6 / IP66	
Ambient Temperature	T6: -20°C ~ +70°C	
Pressure Gauge	Stainless steel	
OutPut Characteristics	Linear	
Linearity	Within ± 1.0 % F.S	Within ± 1.5 % F.S
Sensitivity	Within ± 0.2 % F.S	Within ± 0.5 % F.S
Hysteresis	Within 1.0 % F.S	
Repeatability	Within ± 0.5 % F.S	
Air Consumption	5 LPM (SUP. 1.4 kgf/)	
Flow Capacity	80 LPM (SUP. 1.4 kgf/)	
Material	Aluminum die-cast	
Weight	3.0 kg (without terminal box)	

Ex ia parameters	
Ui	28 V
Ii	100 mA
Pi	1 W
Ci	0 F
Li	2 H

NO.	PART NAME	MATERIAL	Q'ty
4	PRESSURE GAUGE	STS304	2
3	FEEDBACK LEVER	STS304	1
2	BASE COVER	ALDC12	1
1	BASE BODY	ALDC12	1

LEVER TYPE	SIZE -A-	SIZE -B-	SIZE -C-	SIZE -D-
LEVER -A- (10~40mm)	133	71	43	16
LEVER -B- (10~80mm)	194	133	43	16
LEVER -C- (80~150mm)	260	150	92	16

88 28 22.9 36.2 65 25.3 131 100

φ6.5 2.5

D C A B

Protection Class	Feedback Lever	Pressure Gauges	Pilot Valve Orifice	Position Feedback	Electrical Connections	Operating Temperature	Mounting Bracket	
EPL	<ul style="list-style-type: none">I : IECEx intrinsically safeATEX intrinsically safeKC intrinsically safeEx ia IIC T6W : Weatherproof to IP66	<ul style="list-style-type: none">A : Stroke (10 ~ 40mm)B : Stroke (10 ~ 80mm)C : Stroke (80 ~ 150mm)	<ul style="list-style-type: none">1 : 6 bar (90psi)2 : 10 bar (150psi)	<ul style="list-style-type: none">S : StandardM : Small orifice (φ1.0 or φ0.7)	<ul style="list-style-type: none">N : None (standard)	<ul style="list-style-type: none">3 : PT(Rc) 1/4 - PF(G) 1/2 (standard)4 : NPT 1/4 - NPT 1/25 : PT(Rc) 1/4 - M20 x 1.5	<ul style="list-style-type: none">T : 70°C (standard)	<ul style="list-style-type: none">N : NoneL : IEC 60534-6-

PL POWER-GENEX
http://www.power-genex.com

TITLE : ELECTRO PNEUMATIC POSITIONER (Ex ia EPL)

PRODUCT NAME :

MODEL :

DWG NO. PG-EP-PP-06

REV. NO. A

QUANTITY DIMENSION : Za

SHEET 1 OF 1