



REV. NO.	REVISION DESCRIPTION	DATE	APPROVED
A			

No.	Part name	Material
1	Body	ALDC 12.1
2	Cover	ALDC 12.1
3	Exhaust ring	ALDC 12.1
4	Drain plug	BRASS
5	Adjust screw	ALDC 12.1
6	Diaphragm	NBR

—SPECIFICATIONS

Model	AVB - 1000
Supply Air Pressure	Max. 10bar (150 psi)
Signal Air Pressure (positioner output)	Max. 7bar (105 psi)
Supply Air Quality acc. to ISO 8573-1	Filtered, compressed dry and non-oiled to meet Class 3
Pressure Ratio : signal to output	1 : 1
Dead Band	2% (0.016 bar)
Hysteresis	1 %
Linearity	±1% F.S
Supply Cv	1.2
Exhaust Cv	1.1
Operating Ambient Temperature	-20°C ~ +80°C (std), -20°C ~ +120°C (high), -40°C ~ +80°C (low)
Weight	0.56 kg
Supply (SUP) Output (OUT)	PT 1/4, NPT 1/4, PT 3/8, NPT 3/8
Signal (SIG)	PT 1/4 or NPT 1/4
Body	Aluminum die-cast
Diaphragm	NBR
O-rings	NBR

SUP, OUT -A-	SIG -B-
PT 1/4	PT 1/4
NPT 1/4	NPT 1/4
PT 3/8	PT 1/4
NPT 3/8	NPT 1/4

Body Material	Port Size	Operating Temperature
AVB	<input type="checkbox"/> 0 : PT (Rc) 1/4 <input type="checkbox"/> 1 : NPT 1/4 <input type="checkbox"/> 2 : PT (Rc) 3/8 <input type="checkbox"/> 3 : NPT 3/8	<input type="checkbox"/> 0 : -20°C ~ +80°C (standard) <input type="checkbox"/> 1 : -20°C ~ +120°C (high temp) <input type="checkbox"/> 2 : -40°C ~ +80°C (low temp)

PG POWER-GENEX http://www.power-genex.com			TITLE : AIR VOLUME BOOSTER	
DRAWN : Kim. D. H. CHECKED : Kim. K. W. APPROVED : Kim. K. W. DATE : QUANTITY :	NAME : SIGNATURE : SCALE : 1:1 SIZE : A3	PROJ : 3rd MODEL : AVB1000	PRODUCT NAME : DWG NO. : PG-AVB-01	REV. NO. : A
DIMENSION : mm SHEET 1 OF 1				