



VAV-B-AP

VAV Controller with
Actuator and Pressure Pickup

SPECIFICATIONS

Loop Source 24VDC@500mA

Voltage Input (VI) 0-10VDC

Resistive Input (RI) 10K Ω Potentiometer

* Space Temp Adjust use part #s:

ST-S3E, ST-S3E-XA

Temp. Input (TI) 10K Ω Type III Thermistor

Wall Sensor 10K Ω Type III Thermistor,

or part #s: ST-S3E, ST-S3E-MN-S3-700,

MN-S3-HT, MN-S4

Analog Output (AO) 0-10VDC@20mA

Binary Output (BO) 24VAC@420mA
10VA per contact

Comm. Ports RS-485

* Wire should be twisted pair with shield. ^①

Power 24-28 VAC, 50/60Hz, Class 2,

2VA Quiescent, 75VA full load

* Transformer must be earth grounded.

Pressure Sensor Range: 0-5" WC +/- .01

Actuator Motor 24VAC/DC

50/60Hz, 4VA, 2W max

Made in USA

www.computrols.com

Low Pressure High Pressure



Example Address = 97

Loop Source (4-20mA) 16

Voltage Input 2 (VI) 15

Voltage Input 1 (VI) 14

Resistive Input 2 (RI) 13

Resistive Input 1 (RI) 12

Wall Sensor 11

Analog Output 2 (AO) 10

Analog Output 1 (AO) 9

Binary Output 4 (BO) 8

Binary Output 3 (BO) 7

Binary Output 2 (BO) 6

Binary Output 1 (BO) 5

Network Port

- 4

+ 3

Sh 2

1

Local Port

20 -

19 +

18 Sh

17



AC Gnd
Power (24-28VAC)

High Pressure Low Pressure