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## ***B2729 Bipolar Frequency to Voltage Converter Model Selection***

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**B** **2** **7** **2** **9** - **A** **A** **A** - **B** **B** **B** - **C** **C** **C** - **D** **E**

**MODEL SERIES:** \_\_\_\_\_

\_\_\_\_\_ **SUFFIX IDENTIFIER:**

B2729 = Frequency to voltage converter, bipolar operation

### **AAA = INPUT POWER SUPPLY VOLTAGE:**

100 = Plus and minus 10 to 30 volts dc.

150 = Plus and minus 15 to 30 volts dc.

### **BBB = TRANSDUCER POWER SUPPLY VOLTAGE OUTPUT:**

050 = Plus 5 volts dc.

120 = Plus 12 volts dc.

### **CCC = RATED OUTPUT VOLTAGE SIGNAL:**

030 = Plus and minus 3 volts dc.

050 = Plus and minus 5 volts dc.

100 = Plus and minus 10 volts dc.

### **D = RATED INPUT FREQUENCY:**

1 = 100 Hz.

2 = 200 Hz.

3 = 500 Hz.

4 = 1000 Hz.

5 = 2000 Hz.

6 = 5000 Hz.

7 = 10000 Hz.

8 = 20000 Hz.

9 = 50000 Hz.

### **E = FACTORY ASSIGNED OPTION IDENTIFIER:**

0 = Standard, no options supplied.

X = Special features, factory assigned number.

### **NOTES:**

- 1) For models with 10 volt dc output signal (suffix CCC = 100) the input power supply must not be less than 15 volts dc (suffix AAA = 150).
- 2) For models with 12 volt dc transducer power supplies (suffix BBB = 120) the input power supply must not be less than 15 volts dc (suffix AAA = 150).
- 3) This frequency to voltage converter expects the input signals to be supplied on two channels that are arranged in quadrature. For single channel operation the input frequency range (suffix D) must be doubled to produce the rated output. In this mode no directional information is provided.
- 4) This frequency to voltage converter operates with TTL level input signals. For non-reversing applications using magnetic pickups for the input signal, the model series C2468 unipolar frequency to voltage converter is available.

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