
C2468 Unipolar Frequency to Voltage Converter Model Selection

C **2** **4** **6** **8** - **A** **A** **A** - **B** **B** **B** - **C** **C** **C** - **D** **E**

MODEL SERIES: _____

_____ **SUFFIX IDENTIFIER:**

C2468 = Frequency to voltage converter, unipolar operation

AAA = INPUT POWER SUPPLY VOLTAGE:

100 = Plus 10 to 30 volts dc.

150 = Plus 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 3 volts dc.

050 = Plus 5 volts dc.

100 = Plus 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) This frequency to voltage converter has two input frequency ranges, they are selected with a jumper on the circuit board. The frequency shown above (suffix D) is with the high range selected. Full scale output will occur at approximately .67 times the values shown with the range select jumper in the low position.
- 2) 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).
- 3) 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).
- 4) This frequency to voltage converter does not provide any direction information. For applications where the output voltage polarity must change with a reversal of the input, the model series B2729 bipolar frequency to voltage converter is available.

THIS PAGE WAS LEFT BLANK

FOR TECHNICAL ASSISTANCE CONTACT
DATATRAN LABS, INC.
P.O. BOX 384
SUSSEX, NJ, 07461
TEL: (845)-856-4313 FAX (845) 858-2824