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## ***B2710 Bipolar Signal Scaling Module Model Selection***

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**B** **2** **7** **1** **0** - **A** **A** **A** - **B** **B** **B** - **C** **C** **C** - **D** **D**

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

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

B2710 = Signal scaling module, 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 = RATED INPUT VOLTAGE OR CURRENT SIGNAL:**

010 = Plus and minus 1 volt dc.

030 = Plus and minus 3 volts dc.

050 = Plus and minus 5 volts dc.

100 = Plus and minus 10 volts dc.

120 = Plus and minus 12 volts dc.

240 = Plus and minus 24 volts dc.

480 = Plus and minus 48 volts dc.

101 = Plus and minus 100 volts dc.

201 = Plus and minus 200 volts dc.

420 = Plus and minus 20 ma. 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.

**DD = FACTORY ASSIGNED OPTION IDENTIFIER:**

00 = Standard, no options supplied.

XX = Special features, factory assigned number.

**NOTES:**

- 1) The 20 ma. current range (suffix BBB = 420) is normally used with positive 4 to 20 ma. input signals. The 4 ma. value is normally biased to produce 0 volts output. The output signal will swing over its rated range as the input signal is varied from 4 to 20 ma. In this mode of operation, the input signal should be a unipolar current only. With the bias applied, should the input signal reverse polarity, non-symmetrical output voltages will be generated.
- 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) This signal scaling module has both a non-inverted and an inverted output. Both outputs can be used at the same time.

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