
C2889 Dancer Roll Position Regulator Model Selection

C **2** **8** **8** **9** - **A** **A** **A** - **B** **B** **B** - **C** **C** **C** - **D** **D**

MODEL SERIES: _____

_____ **SUFFIX IDENTIFIER:**

C2889 = Dancer roll position regulator

AAA = INPUT POWER SUPPLY VOLTAGE:

111 = 115 or 230 volts ac, 47 to 62 Hz.

231 = 230 volts ac, 47 to 62 Hz.

150 = Plus and minus 15 to 30 volts dc

180 = Plus and minus 18 to 30 volts dc.

BBB = RATED TRANSDUCER POWER SUPPLY VOLTAGE:

050 = Plus and minus 5 volts dc.

068 = Plus and minus 6.8 volts dc.

100 = Plus and minus 10 volts dc.

120 = Plus and minus 12 volts dc.

CCC = RATED INPUT VOLTAGE OR CURRENT SIGNAL:

030 = Plus and minus 3 volts dc.

050 = Plus and minus 5 volts dc.

068 = Plus and minus 6.8 volts dc.

100 = Plus and minus 10 volts dc.

120 = Plus and minus 12 volts dc.

420 = Plus and minus 4 to 20 ma.

DD = FACTORY ASSIGNED OPTION IDENTIFIER:

00 = Standard, no options supplied.

XX = Special features, factory assigned number.

NOTES:

- 1) Models with suffix AAA = 111 will operate with either 115 or 230 volt ac power supplies. The correct voltage is selected with the input power line voltage select jumpers located on the circuit board.
- 2) The nominal output voltage for all model configurations is plus and minus 10 volts dc.
- 3) Normally to output voltage signal from the dancer roll position regulator is bipolar. However, the circuit board includes adjustments to limit the output to either positive or negative voltages only.
- 4) This dancer roll position regulator does not contain an integration function. As a result the dancer roll preset position will vary with long term changes in the output signal. The dancer roll must have sufficient travel to handle this movement. For those applications that require that the dancer roll always remain at the preset position the model series C2844 PID controller contains an integration function and can be used in place of the dancer position regulator board.

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