C2716 Quad Linear Ramp Generator Model Selection

C2716 - AAA - BBB - CCC - DD

MODEL SERIES:

C2716 = Quad linear ramp generator..

SUFFIX IDENTIFIER:

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:

030 = Plus and minus 3 volts dc.

050 = Plus and minus 5 volts dc.

100 = Plus and minus 10 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.

DD = FACTORY ASSIGNED OPTION IDENTIFIER:

00 = Standard, no options supplied.

XX = Special features, factory assigned number.

NOTES:

1) This quad linear ramp generator provides four separately adjustable ramped voltage outputs. The forward acceleration ramp is active for increasing positive input signals. The forward deceleration ramp is active for decreasing positive input signals. The reverse acceleration ramp is active for increasing negative input signals. The reverse deceleration ramp is active for decreasing negative input signals. The forward and reverse ramp ranges are independently selected with pin headers and jumpers on the circuit board.

2) Rapid reversal of the input signal will not disrupt the ramp function. For example a step change in the input signal from the maximum positive value to the maximum negative value will cause the board to ramp down to zero using the forward deceleration ramp and than ramp up to the maximum reverse value using the reverse acceleration ramp.

3) 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).

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