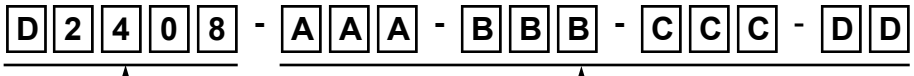
D2408 Linear Servovalve Amplifier Model Selection



MODEL SERIES: **SUFFIX IDENTIFIER:**

D2408 = Linear servo amplifier, bidirectional with acceleration and deceleration ramp control

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 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 COIL CURRENT SIGNAL:

250 = Plus and minus 25 ma.

500 = Plus and minus 50 ma.

750 = Plus and minus 75 ma.

101 = Plus and minus 100 ma.

151 = Plus and minus 150 ma.

201 = Plus and minus 200 ma.

DD = FACTORY INSTALLED OPTION IDENTIFIER:

00 = Standard, no options.

XX = Special features, factory assigned number.

NOTES:

1) This linear servovalve amplifier may also be used as an electrical displacement controller for variable displacement pumps and motors.
2) For closed loop applications, the process feedback signal must be the opposite polarity of the command signal.
3) This linear servovalve amplifier has only two ramp adjustments. The active ramp is selected by the change in the input command signal. Signals that go more positive will control the output using acceleration ramp. Signals that go more negative will control the output using the deceleration ramp. Accordingly, the ramp rate set for acceleration in the forward direction will become the rate set for deceleration in the reverse direction. The deceleration rate in the forward direction becomes the acceleration rate in the reverse direction.

   For those applications that require separately adjustable acceleration and deceleration rates in both the forward and reverse directions the model series D2660 is available as a single board solution. Alternately the model series C2716 quad ramp generator may be combined with the model series C2405 linear servovalve amplifier.

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