
D2653 Hydrostatic Transmission Controller Model Selection

D **2** **6** **5** **3** - **A** **A** **A** - **B** **B** **B** - **C** **C** **C** - **D** **E**

MODEL SERIES: _____ **SUFFIX IDENTIFIER:** _____

D2653 = Linear hydrostatic transmission controller, bidirectional with power supply, acceleration and deceleration ramp control and dither generator

AAA = INPUT POWER SUPPLY VOLTAGE:

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

180 = Plus and minus 18 to 30 volts dc.

BBB = RATED INPUT VOLTAGE SIGNAL:

100 = Plus and minus 5 and 10 volts dc.

CCC = RATED OUTPUT COIL CURRENT SIGNAL:

500 = Plus and minus 25 and 50 ma.

101 = Plus and minus 50 and 100 ma.

201 = Plus and minus 100 and 200 ma.

D = FACTORY INSTALLED OPTION IDENTIFIER NUMBER 1:

0 = No ramps or dither supplied.

1 = Internal dither generator supplied.

2 = Internal ramp generator supplied.

3 = Internal ramp and dither generators supplied.

E = FACTORY INSTALLED OPTION IDENTIFIER NUMBER 2:

0 = Standard, no additional options.

X = Special features, factory assigned number.

NOTES:

- 1) This hydrostatic transmission controller may also be used with any servovalve with coil currents up to 200 ma.
- 2) This hydrostatic transmission controller will accept both 5 or 10 volt dc input command and feedback signals. The desired range is selected by a jumper position on the circuit board.
- 3) This hydrostatic transmission controller provides two output current ranges. The desired range is selected by a jumper position on the circuit board.
- 4) This hydrostatic transmission controller will operate with a 4 to 20 ma. input or feedback signal applied through the scale section.
- 5) Two separately adjustable dither generators are supplied with suffix D = 1 or 3. One is to be used for the pump, the second for the motor.
- 6) This hydrostatic drive controller provides a single board solution for hydrostatic transmissions that require pump and motor displacement control. For hydrostatic drives that require displacement control for the pump or the motor only, the model

D2653 Hydrostatic Transmission Controller Model Selection

series D2660 is available with a single output.

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

Datatran

MS2653 Issued 3/3/2004, replaces 1/3/2003