

1395 ANALOG TACH SCALING BOARD FOR USE WITH DC TACH FEEDBACK

To use a DC tachometer for feedback to the 1395, it is necessary to scale the output of the tachometer so that the maximum motor speed / maximum tachometer output represents no more than 10 volts input to the analog input of the 1395 Discrete adapter or Digital Reference adapter board.

The analog tachometer scaling board will provide the necessary scaling with the output of the tachometer connected to the appropriate inputs of the scaling board. The output of the scaling board will be a 0 to 10 volt source to the analog input of the drive. It will then be necessary to link (configure) that analog input to the tachometer velocity parameter 156. Referring to the 1395 installation manual 5.40, page 6-29, analog in 4 is used for this purpose, so parameter 404 is linked to 156.

Without the use of this board, it would be necessary to build your own divider network using the formula in the installation manual (1395-5.40) on pages 6-31 and 6-32.

