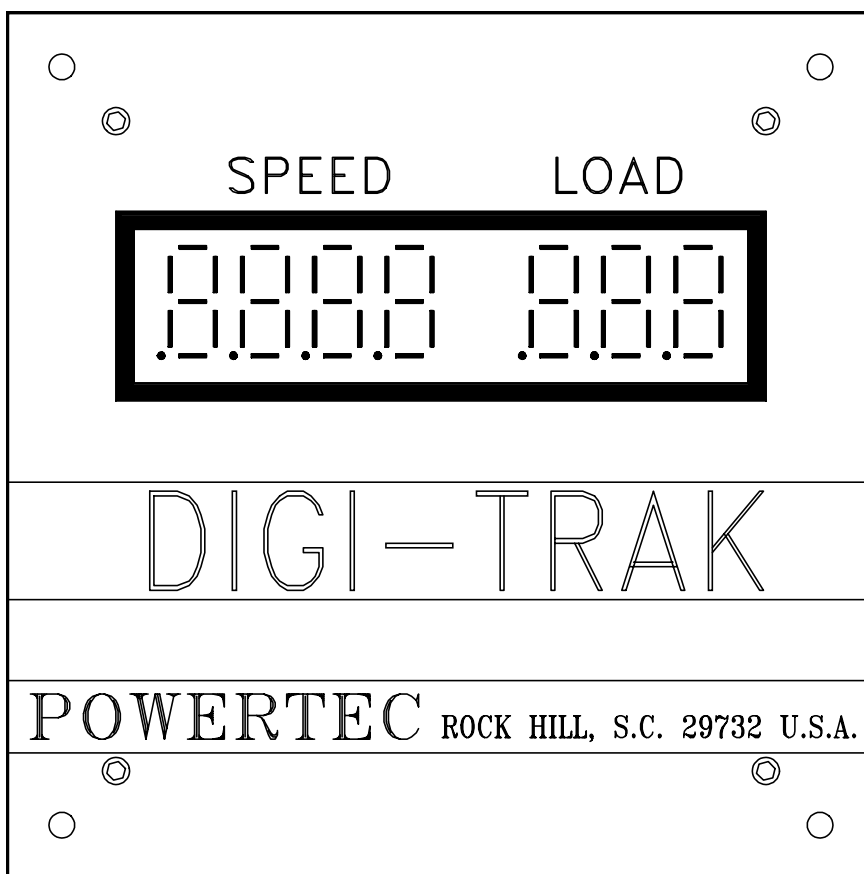


DRIVE OPTION D11.0

DIGI-TRAK



DIMENSIONS: ENTIRE UNIT: 6.00"H x 6.00"W x 2.00"D
 PANEL CUTOUT: 5.25"H x 5.25"W (.144" Dia holes in corners)

POWER: STANDARD: 115VAC/230VAC 4 VA

The DIGI-TRAK is a convenient, easy to use monitoring device specifically designed for use with POWERTEC Brushless DC motors and controls. With only five connections and a simple set-up, it monitors speed (programmable in engineering units) and motor load (adjustable) in percent of full load. Comparable discrete digital metering would be more expensive and more difficult to interface.

The DIGI-TRAK mounts in a panel using space not much greater than an analog panel meter. A bright 1/2" high LED display makes it easy to read in normal light. Speed is displayed in four digits (0 to 9999 with a moveable decimal point) and motor load in 2 1/4 digits (0 to 199).

The DIGI-TRAK may be mounted in the panel door, on the panel, in a remote location, or in its own enclosure. Distances of several hundred feet do not present a problem when suitable wiring is used.

Eight DIP switches calibrate the speed display (for input frequencies up to 10 KHz) and the decimal point may be moved to one of four positions (or left off).

The load input may be varied by potentiometer adjustment (input voltages from -2VDC to -10 VDC) to display up to 199% of full load. In some cases (but not all), it is possible to read the motor current value directly, rather than in percent of full load.

2/12/93

For more information - see POWERTEC publication # DGTRAKAM