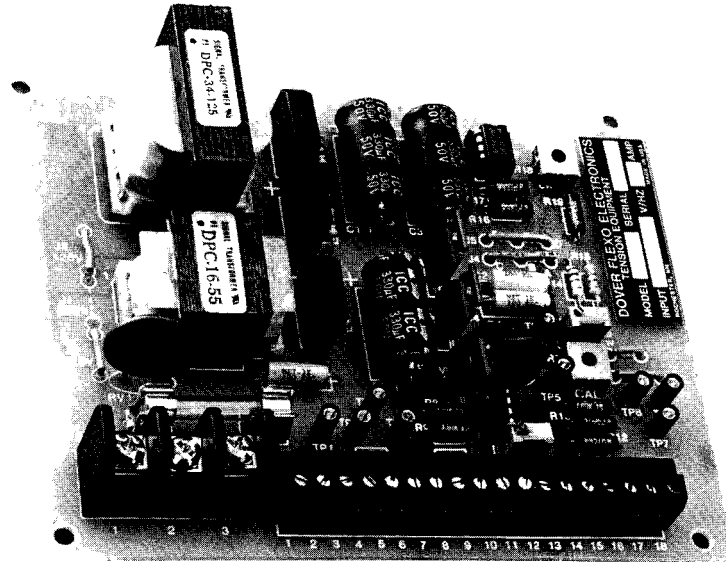




APPLICATION DATA

NO. 8710T18

T18 TRANSDUCER INTERFACE



DESCRIPTION

The T18 is designed to be used by OEM's and machinery builders as an interface between DFE transducers and a tension meter, a drive system, or a computer.

Supplied as a circuit card only, the T18 contains the power supply for one or two transducers, zero and calibration circuitry, output for a standard DFE tension meter, and both a high and a low voltage output which are proportional to tension.

BENEFITS

- Low cost.
- Small size.
- Simplicity.
- Provides a calibrated, adjustable signal which is directly proportional to tension.

STANDARD FEATURES

- Circuit card, with identified components.
- All electrical connections, except AC power, on one terminal strip, which unplugs.
- 120 volt AC power input.
- Output for standard DFE analog tension meter.
- 0-100 millivolt DC output, proportional to tension.
- 0-10 volt DC adjustable output, proportional to tension.
- 5 VDC power supply for transducers.
- Zero and calibration adjustments.
- Terminal block selection of isolated or non-isolated output.
- Plug-in test points.
- Short-circuit protected, transient protected.

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