

# MODEL TI 10 TENSION INDICATOR

APPLICATION DATA SHEET 9601TI10

The TI 10 Tension Indicator is designed to be used by OEM's and machinery builders as a stand alone tension indicator or as an interface between transducers and a drive system or computer. This unit is similar to our TI8 interface card but is enclosed in a steel enclosure small enough to be mounted anywhere a tension signal needs to be read. It is very simple to use with only one power button, and easy to read analog tension meter. Optional digital meter also available.

The TI 10 contains the power supply for one or two transducers, and is easily adjusted with its zero and calibration circuitry.

## BENEFITS

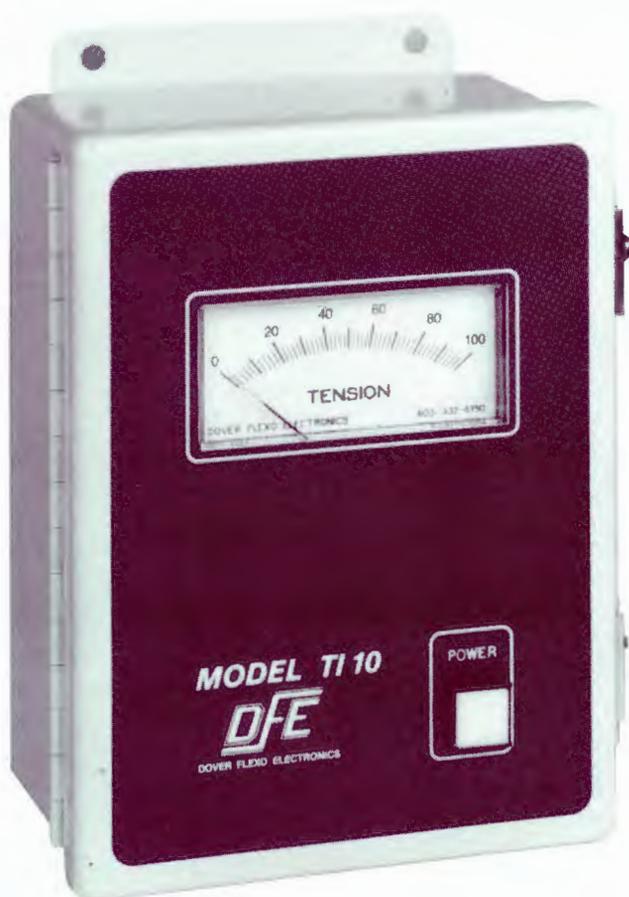
- Low cost
- Small Size
- Easy to use & install
- Provides readout of calibrated adjustable signal which is directly proportional to tension.

## STANDARD FEATURES

- 120 volt AC Power input
- All electrical connections, except AC power on one unpluggable terminal strip
- 0-100 millivolt DC output, or 0-10 volt DC Adjustable output, proportional to tension
- Zero and calibration adjustments
- 5 VDC power supply for transducers
- Lighted Power Switch
- Short-circuit protected, transient protected.

## OPTIONS

- NMS** - Non-standard meter scale (specify scale)
- N10** - Negative 10 volt DC output
- 220** - 220 volt 50Hz AC power input



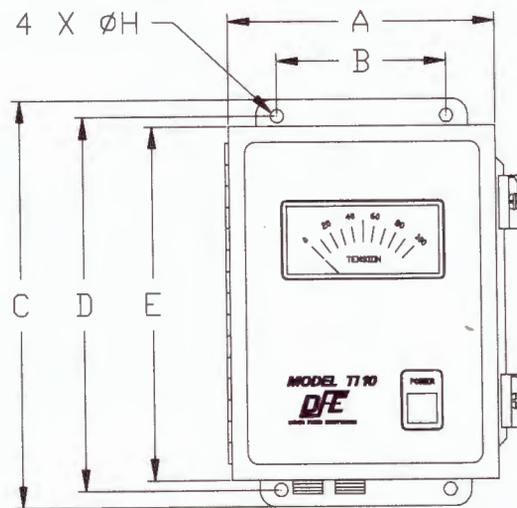
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## SPECIFICATIONS:

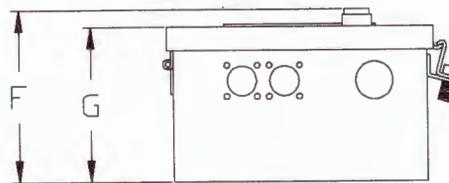
Power Input: Voltage	.....	120 Volts, 60 Hz
Current	.....	0.25 amp
Outputs: Low Voltage	.....	0-100mVDC @ 2ma
High Voltage	.....	Adjustable 0-3.5 to 0-13 VDC @ 2ma, proportional to tension
Transducer Voltage Supply	.....	5 VDC, regulated
Transducer Input Signal	.....	500mVDC (min)/per pair at rated load
Zero Range	.....	95% of load rating of 1 transducer (minimum)
Calibration Range	.....	25:1
Temperature Range	.....	0-40°C
Weight	.....	8 lbs. (3.6 kg)

## DIMENSIONS:

UNITS	A	B	C	D	E	F	G	H
INCH	6.30	4.00	9.53	8.75	8.28	4.02	3.62	.312
MM	160.0	101.6	242.1	222.3	210.3	102.1	91.9	7.9



FRONT VIEW



BOTTOM VIEW

**DFE** THE TENSION CONTROL SPECIALISTS  
**DOVER FLEXO ELECTRONICS, INC.**  
 93 PICKERING ROAD, ROCHESTER, NH 03867 • 603-332-6150 • FAX 603-332-3758