

# Panel TENSION INDICATOR

## TD-1-TS

Accurately displays tension values calibrated in any unit of measure on a bright LED display, designed for flush panel mounting.

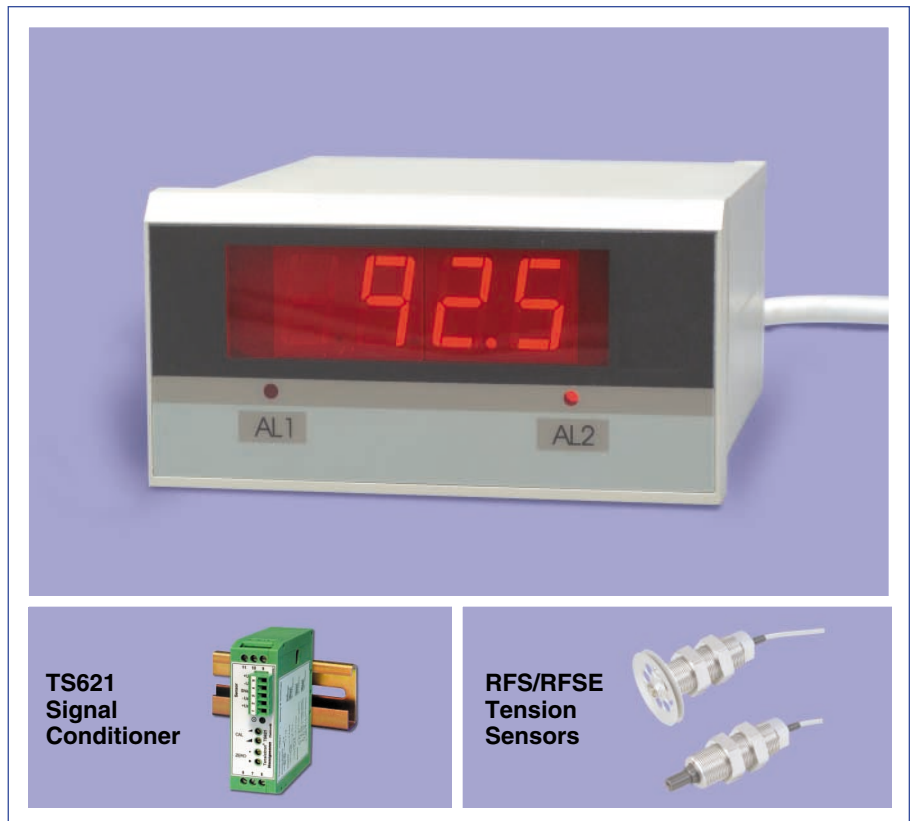
Calibration and alarm settings are adjusted using screw potentiometers located behind the removable front panel.

### Features

- Designed for use with the TS621 Strain Gauge Amplifier or the RFSE Tension Sensor
- Provides 24 VDC power for TS621 or RFSE
- User-set High & Low Alarm Limits with relays
- 4-20 mA and 0-10 VDC analog output (user set)



**TS621 Strain Gauge Amplifier**



**TS621  
Signal  
Conditioner**

**RFS/RFSE  
Tension  
Sensors**

### Specifications

<b>Display Range</b>	0–1999 (calibrated for any units)
<b>Display</b>	3 1/2-digit Red LED, 14.4 mm high
<b>Decimal Point</b>	User-selected via internal jumper
<b>Power Supply</b>	24 VDC @ 100mA
<b>Analog Output</b>	4–20 mA or 0–10 VDC, user selected
<b>Frequency Response</b>	1 Hz (with damping filter) 40 Hz (without damping filter)
<b>Enclosure</b>	High-Impact Plastic
<b>Dimensions</b>	3.78" W x 1.89" H x 4.04" D (96 x 48 x 103 mm)
<b>Panel Cutout</b>	92 x 44 mm
<b>Operating Temperature</b>	32 to 122° F (0–50° C)
<b>Relay Operation</b>	Hi–Hi/Hi or Hi–Lo
<b>Relay Rating</b>	1 Amp @ 250 VAC/30 VDC, normally open
<b>Power Required</b>	115/230 VAC ±10%, 50/60 Hz