

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.

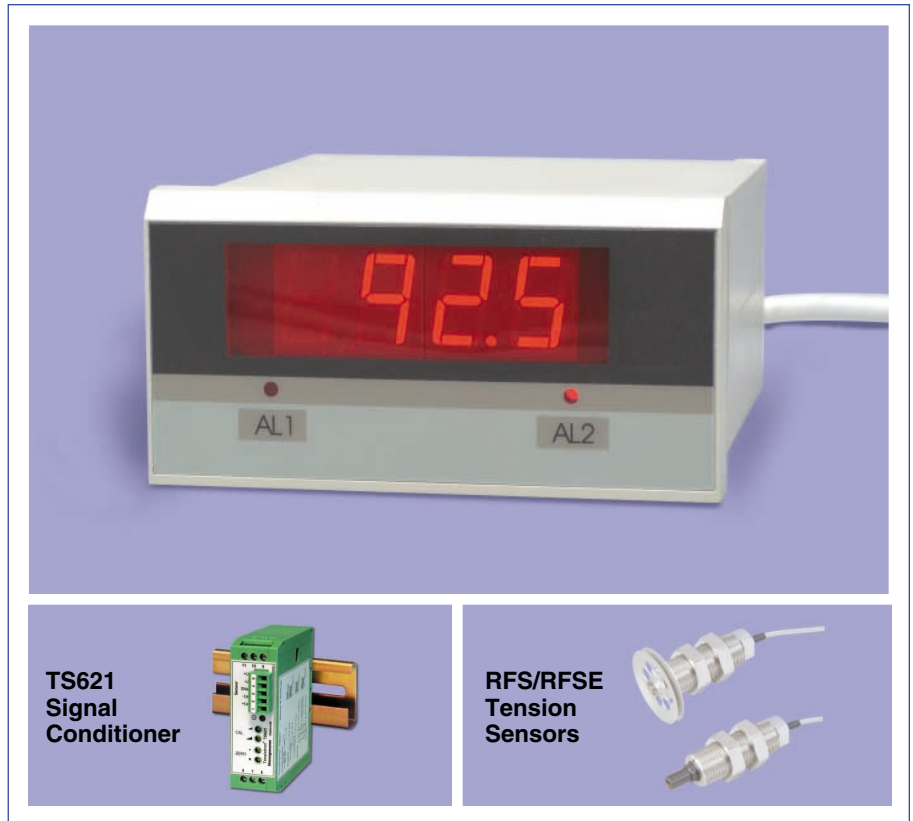
Calibration and alarm settings are adjusted using screw potentiometers located behind the removable front panel.

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

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