TI–500ESS

transcell®

TI–500ESS Weighing Indicator

Introduction

The TI-500ESS is an NTEP and Canadian certified rugged industrial digital indicator housed in a stainless steel NEMA 4X enclosure. It comes with a large 0.6" LED display for easy readout of up to 50,000 display divisions, and has power for up to 4-350Ω load cells. All setup parameters may be entered via the front panel keys and are shared with other TI series indicators for consistently easy and trouble free use and maintenance.

The TI-500ESS uses full duplex RS-232 serial format for communication with many types of attached support equipment. The unit can transmit data on demand, or continuously in a popular data protocol to match a wide variety of printers, remote displays, or personal computers.

A piece counting function is also included

Features

- Divisions: NTEP certified for 5000 divisions
- Display Resolution: up to 50,000 external divisions
- Serial Port: full duplex RS-232C
- Bracket: stainless steel swivel bracket
- Display: easy to read LED
- Full front panel configuration

- Housing: NEMA 4x/IP65 stainless steel
- Load cells: drives up to 4 x 350 ohm load cells
- Digital calibration: full front panel calibration
- Internal Power Supply
- High Quality / Low Cost
- Basic Piece Counting Function

Specifications

Load Cell Excitation	+5 VDC	Annunciators	Zero, Tare, Gross, lb, kg, Stable, Net, PCS, Negative
Load Cell Current	Drives up to four (4) 350 Ω load cells		
Analog Signal Input Range	+/- 3.125 mV/V (max.)	Keyboard Functions	Units, Zero, Net/Gross, Tare, Print
Sensitivity	0.3µV/grad, minimum	Serial Port	Full Duplex RS-232C
	0.6µV/grad, min value recommended for "legal trade"	DC Power Consumption	200 mA + 15 mA/350 Ω load cell
A/D Conversion Rate	10 Hz / 80 Hz (selectable)	Indicator Dimensions	9.0"x 5.5"x 2.9"(231mm x 140mm x 72mm)
A/D Resolution	Up to 260,000 internal counts at 2 mV/V	NIST Classification	H-44 Class III at 5,000 Divisions, NTEP CC 94-080A3
Display	0.6", 6 Digit LED, Green	Canadian Approval No.	AM-5800C
Display Resolution	Up to 50,000 external grads	Operating Temperature	-10°C to 40°C (14°F to 104°F)
Warranty	1 year limited warranty applies		

Dimensions