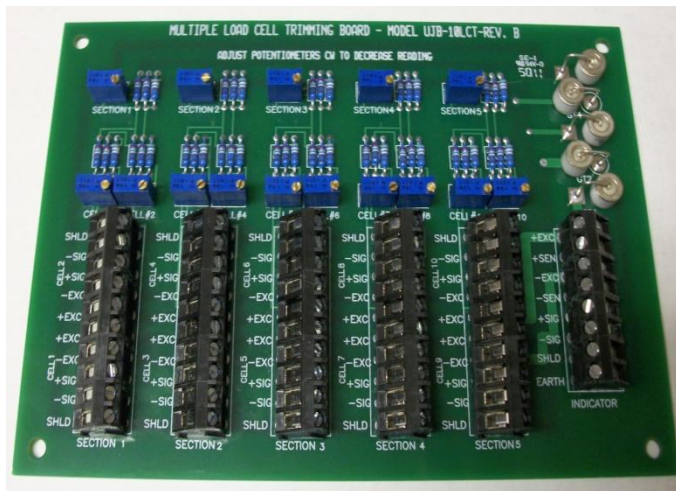


# LCT-10 (P/N: 10916)



## FUNCTIONAL DIScription:

The LCT-10 is a signal trim junction board for use with strain gauge load cells. Our complete LCT line units are configured as a full feature trimming summing boards with both individual cell and section trimming for pairs of cells. Our LCT boards are available in 4 cell, 6 cell, 8 cell, and 10 cell versions with on-board transient protection components as a standard, not an option. Our LCT boards are ideal as a cost effective replacement board for truck and/or track applications which use cells in sectional pairs. Our LCT comes standard as one of the following options; B.O. (board only), FRP (board in Fiberglass reinforced Plastic), SS (board in a Deluxe Stainless Steel enclosure), SLP (board in Stainless Steel “Low-Profile” when space is minimal), or MS (Mild Steel).

### LCT-10 F Shown below



### Uses:

- Tank Scales
- Truck Scales
- Railroad Scales
- Hopper Scales
- Floor Scales

### FEATURES:

- Works with almost any Digital Weight Indicator
- Stable, easy to install and very user friendly
- Front panel mounted boards for easy installations and Service
- Signal trim for both individual cells and section adjust
- Simple trimming – No zero interaction with span

## TECHNICAL SPECIFICATIONS

Enclosure Choices.....	Fiberglass - JIC Pattern 8" x 6" x 4" F.R.P. ( <i>shown in photo above</i> ) Stainless Steel "SLP" Low-Profile – JIC Pattern, Custom made for LCT style boards
NEMA Rating.....	Fiberglass - 4X listed SLP – 4X <b>Compliant</b> SS Deluxe – NEMA 4X listed
Cord Grips.....	3/8" N.P.T. Nylon – Grip Range; .138" - .315" (options available, call for details)
Ground.....	1/4" Brass Terminal w/Supplied #10 Copper Cable – 10' length w/ complete unit
Board Size.....	6.750" x 4.750"
Connectors.....	Standard 45° screw terminals, optional 90° WAGO™ screwless except on LCT (contact for details)
Wire Size.....	Standard load cell cable, #24 - #14 A.W.G. TINNED LEADS ( <i>recommended</i> )
Terminals.....	Six wire w/ Shield to Digital Weight Indicator or Four wire w/ Shield
# of cells.....	Two – Ten w/expansion options
Cell Impedance.....	240Ω - 2000Ω
Trim Type.....	SIGNAL Trim w/ 2.5K Ω isolation, Section trim
Resistor Type.....	Low noise, low T.C. Metal Film
T/C.....	< 25ppm
Potentiometers.....	20 Turn BOURNS®

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## FIBERGLASS PHYSICAL DIMENSIONS

