

LOADTECH

LOAD CELLS

LT540-3 way IP65 Junction / Summation Box



Introduction

The loadcell junction / summation box allows for easy connection / summation of up to 2 Load Cells to be connected in parallel to the loadcell instrumentation. Features of the junction / summation box include an IP65 protection rating, "Piano Style Snap" connectors for easy connection, a red LED for excitation indication and a clear lid for easy fault finding.

1 Features

- Easy connection / summation of up to 4 Load Cells in parallel
- IP65 Protection rating
- Red LED indicating the presence of the loadcell excitation voltage
- Supports 4 or 6 wire Load Cells
- Clear lid for easy fault finding
- Shielded 6-wire connection to the loadcell instrumentation
- Easy "Piano Style Snap" connectors

2 Note: Install with glands facing downwards

3 Installation

Connect Load cells "LC1" to "LC2" noting the load cells correct wiring positions. Connect a suitable shielded cable from the loadcell instrumentation to the junction box connector marked "INSTRUMENT". Make sure the red LED is illuminated indicating the presence of the excitation voltage when the loadcell instrumentation is powered on. If it does not illuminate then turn off the instrumentation and double check all connections.

Notes:

- Tighten the gland nut until the rubber touches the cable completely and then tighten the nut with ½ turn (180 degrees)
- For unused glands either replace the glands with blank glands or insert a small off cut of wire to represent a "Dummy loadcell" to block the hole.
- Install the junction / summation box with the glands pointing downwards.

5 Warranty

This product carries a warranty for a period of one year from date of purchase against faulty workmanship or defective materials, provided there is no evidence that the unit has been mishandled or misused. Warranty is limited to the replacement of faulty components and includes the cost of labor. Shipping costs are for the account of the purchaser.

Note: Product warranty excludes damages caused by unprotected, unsuitable or incorrectly wired electrical supplies and or sensors, and damage caused by inductive loads.