

4LCS
MULTI-POSITION SUMMING
JUNCTION CARDS AND ENCLOSURES
INSTALLATION INSTRUCTIONS

Calibration:

1. Connect all load cells to the summing card.
2. Connect the indicator or signal conditioner and power up.
3. Verify that each load cell shows a weight change when a load is applied.
4. Turn all potentiometers fully clockwise for maximum signal.
5. Place a known weight on load cell #1 and record the reading.
6. Place the same known weight on load cell #2 and record the reading.
7. Repeat for the remaining load cells.
8. The lowest reading is the target
 1. The potentiometer for the target will not be adjusted.
9. Move the known weight to each of the other load cells
 1. Adjust the potentiometer to make the indicator match the target weight.
10. Move the known weight back to the target load cell
 1. If the target weight has changed the new reading is the target weight.
11. Move the known weight to each of the other load cells
 1. Adjust the potentiometer to make the reading match the target weight.
12. When all of the load cells have the same reading, the process is complete.

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