

## Connecting load Cells/bars to a JR-6 or JR-8

The Reliable scale junction box has a terminal block connected to the indicator cable. There are separate terminal blocks to connect the cables from the load cell/bars. Follow the colour code labeled on the top side of the terminal blocks if you have full bridge (5 wires including shield) load cells/bars. If you have half bridge (4 wire including shield) load bars/cells follow the colour code labeled on the bottom side of the terminal block.

The junction box is also labeled LOAD CELLS 1 & 3, LOAD CELLS 2 & 4, LOAD CELLS 5 & 7 and LOAD CELLS 6 & 8. It does not matter which load cell/bar is number 1 as long as the first bar installed is wired in as 1 and the second as 2, etc.

See figure below.

Reliable Scale Corporation Standard Colour code is as follows:

Red =+Excitation

Black =-Excitation

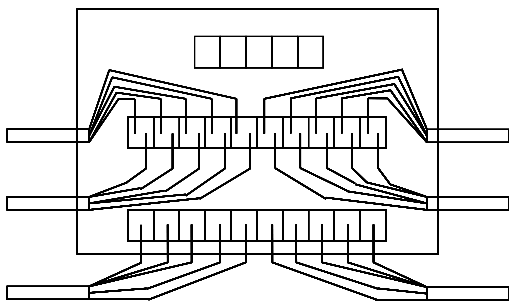
Green =+Signal

White = -Signal

Orange =Shield

Please note that other load cell manufacturers may not use this same colour code

*Six Load bars/cells*



*Eight Load bars/cells*

