

Load Cell Wiring

The DPS and DPY series of scales use different load cells for different bases and capacities. The following tables are general guides to wiring the load cells to the indicators. This level of repair work should only be performed by an experienced scale technician.

DPS Connections

Model	-IN	+IN	+OUT	+S	-S	-OUT
DPS-1212	white	red	green	blue	brown	black
DPS-1318	white	red	green	blue	brown	black
DPS-1414*	black	red	white	white	green	green
DPS-2015	black	red	white	brown	yellow	green

* The DP-1414 uses a four wire load cell, so two jumper wires are used. One between +OUT and +S, and one between -OUT and -S. The DPS-1414 load cell wires are not long enough to reach the indicator, so an extension cable is used. The above colors are for wiring the cable to the indicator. The connections between the load cell wires and the extension cable wires are below.

DPS-1414 LC to Extension Cable

	-IN	+IN	+OUT	+S	-S	-OUT
Ext. Cable	black	red	white	white	green	green
Load Cell	white	green	red	N/A	N/A	blue

On the DPS, the cable shield is attached to a case ground with a spade lug. On the DPY, the cable shield is attached to the unmarked terminal next to S-.

DPY Connections

Model	E+	S+	E-	S-	blank
DPY-1212	green & blue	red	brown & black	white	shield
DPY-1318	green & blue	red	brown & black	white	shield
DPY-1824	green & blue	red	brown & black	white	shield
DPY-2015	white & brown	red	yellow & green	black	shield