



Standard Features

- Transient protection
- PreVent™ breather vent
- Conformal coated circuit board
- Removable load cell connectors
- Section and individual cell trim capability
- Field replaceable transient protection
- One coupling, 0.5 inch NPT cord grip to 0.75-inch NPT conduit fitting for homerun cable
- Number of cells: two, four, six or eight single load cells (even number of cells only)
- Expansion port

Applications

- Truck, livestock and railroad scales

Specifications

Cable Fittings:

- (9) 3/8 in NPT 0.157 to 0.314 in
- (2) 1/2 in NPT 0.272 to 0.472 in

Rating/Material:

NEMA Type 4X
Polycarbonate with overlapping solid cover, stainless steel screws

Connectors:

Pluggable screw type, 12 to 28 AWG

Trimming:

Individual cell trim

Potentiometers:

100,000 ohm, 25-turn cermet

Temperature Range:

Operating:
0 °F to 122 °F (-18 °C to 50 °C)

Circuit Board:

5.7 × 7.2 in with conformal coating

Warranty:

One-year limited

Part Number/Price

Part #	Description	Price
91783	JB8SPT signal trim junction box with transient protection	\$700.00
89889	Board only	\$395.00
89894	Transient board	\$235.00
165273	Enclosure only (does not include cord grips and filter)	\$165.00

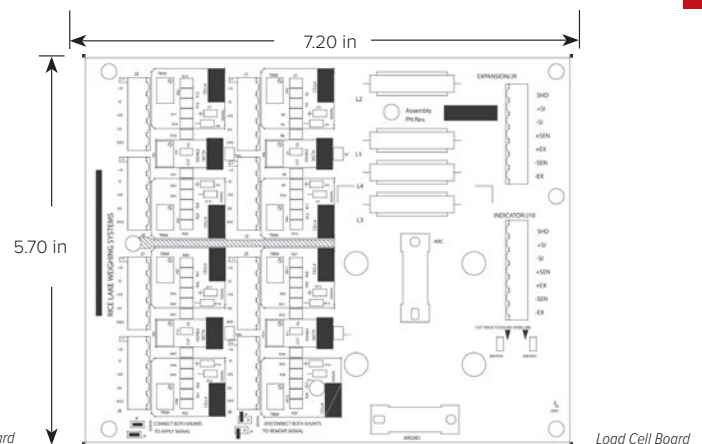
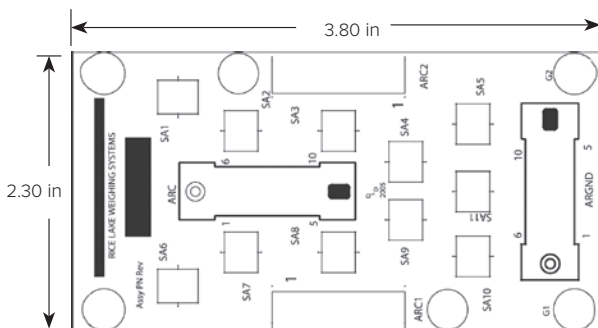
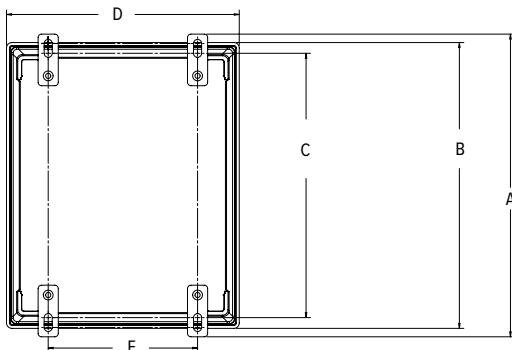
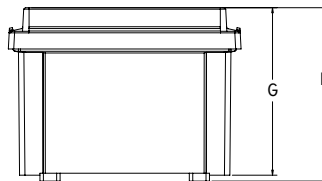
Note: Do not mix junction box models or use other brands of junction boxes with Rice Lake junction boxes. There is a risk of system instability.

Options/Accessories

Part #	Description	Price
215178	Mounting tabs-new style (set of 4, includes screws), polycarbonate	\$15.00
92734	Coupling, 1/2-inch NPT cord grip to 3/4-inch NPT conduit fitting	\$27.00
92735	Coupling, 3/8-inch NPT cord grip to 3/4-inch NPT conduit fitting	\$27.00

Dimensions

Enclosure			
A	12.13 in	E	9.32 in
B	11.45 in	F	5.98 in
C	11.38 in	G	6.95 in
D	10.59 in		



JUNCTION BOXES /
SIMULATORS