



## 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	Consult
89889	Board only	Consult
89894	Transient board	Consult
165273	Enclosure only (does not include cord grips and filter)	Consult

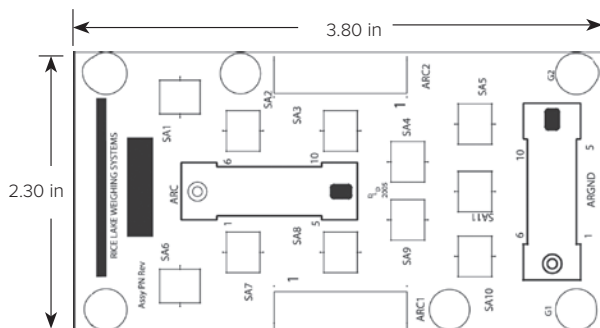
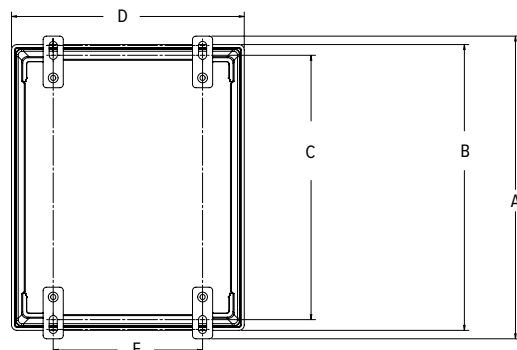
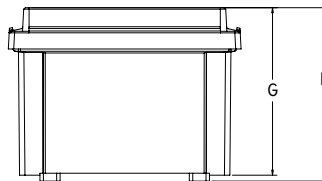
Note: Do not mix junction box models or use other brands of junction boxes with Rice Lake junction boxes. There is a risk of system instability.

## Options/Accessories

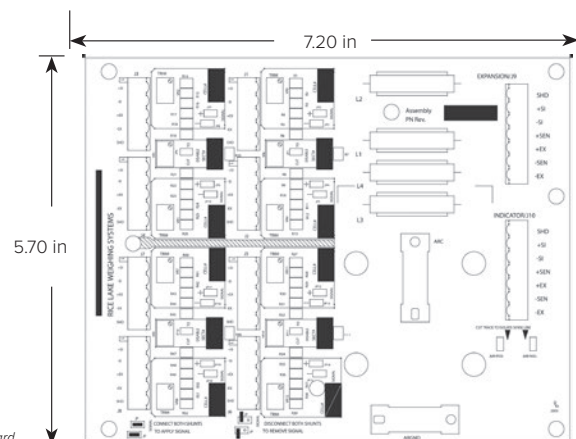
Part #	Description	Price
215178	Mounting tabs-new style (set of 4, includes screws), polycarbonate	Consult
92734	Coupling, 1/2-inch NPT cord grip to 3/4-inch NPT conduit fitting	Consult
92735	Coupling, 3/8-inch NPT cord grip to 3/4-inch NPT conduit fitting	Consult

## 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		



Transient Board



Load Cell Board

JUNCTION BOXES /  
SIMULATORS