

# JB8SPT

TuffSeal® Signal Trim Junction Box

## Specifications

### Cable Fittings:

- (9) 3/8 in NPT 0.157 in-0.314 in
- (2) 1/2 in NPT 0.272 in-0.472 in
- (1) PreVent™ breather vent

### Enclosure:

Molded FRP (NEMA Type 4X) enclosure with overlapping solid cover, stainless steel screws

### Connectors:

Pluggable screw type, 12-28 AWG

### Trimming:

Individual cell trim

### Potentiometers:

100,000 ohm, 25-turn cermet

### Temperature:

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

### Circuit Board:

5.7 in x 7.2 in with conformal coating

### Warranty:

One-year warranty



## Standard Features

- Transient Protection
- Fiberglass Reinforced Polyester (FRP), NEMA Type 4X enclosure
- 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 in NPT cord grip to 0.75 in 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

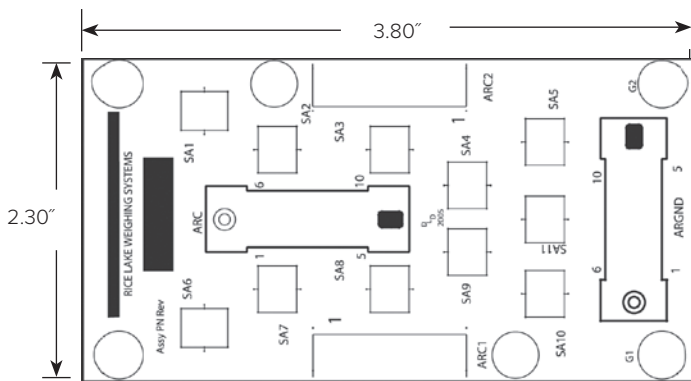
## Part Number/Price

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

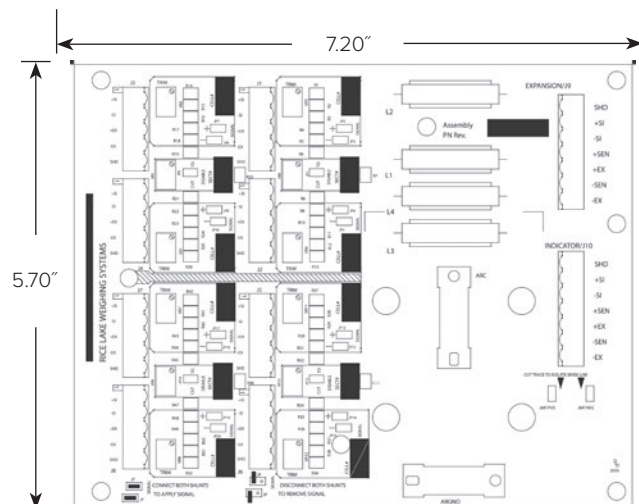
Note: Do not mix junction box models or use other brands of junction boxes with Rice Lake junction boxes. There is a risk of system instability.

## Options/Accessories

Part #	Description	Price
92734	Coupling, 1/2 in NPT cord grip to 3/4 in NPT conduit fitting	Consult
92735	Coupling, 3/8 in NPT cord grip to 3/4 in NPT conduit fitting	Consult



Transient Board



Load Cell Board