

# JB4EP and JB4EPT

TuffSeal® Excitation Trim Junction Box



Photo of JB4EP



## Approvals

  
 PN 92763  
 Not FM approved

## Standard Features

- Jumpers to enable/disable a load cell
- PreVent™ breather vent
- Conformal coated circuit board
- Number of cells: two, three or four single cells
- Expansion port

## Applications

- Tank and hopper scales

## Specifications

### Cable Fittings:

- (4) PG7 0.118 to 0.255 strain relief
- (2) PG11 0.197 to 0.394 strain relief

### Rating/Material:

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

### Temperature Range:

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

### Connectors:

Spring clamp screwless, 12 to 28 AWG

### Trimming:

Individual cell, excitation trim

### Potentiometers:

100 ohm, 25-turn cermet

### Circuit Board:

3.8 × 2.3 in, with conformal coating

### Warranty:

One-year limited

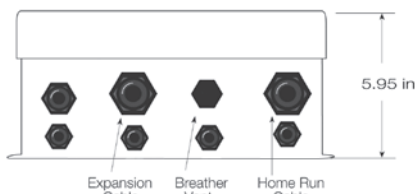
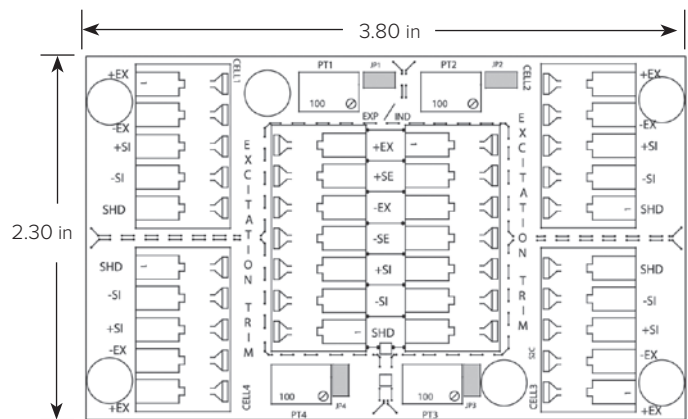
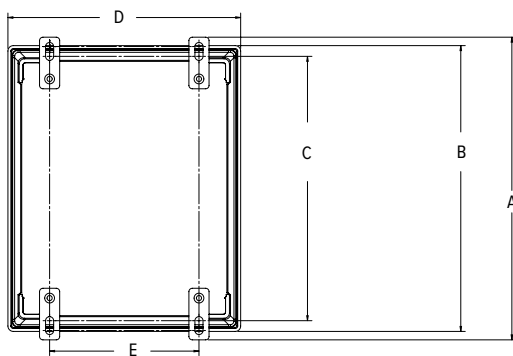
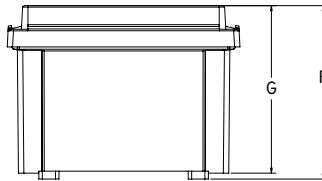
## Part Number/Price

Part #	Description	Price
91781	JB4EP excitation trim junction box	Consult
92763	JB4EPT excitation trim junction box with transient protection (not FM approved)	Consult
89446	Board only	Consult
89894	Transient board	Consult
165272	Enclosure only (does not include cord grips or filter)	Consult

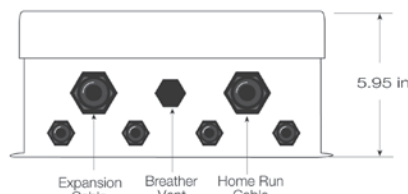
Note: Do not mix junction box models or use other brands of junction boxes with Rice Lake junction boxes. There is a risk of system instability.

## Dimensions

Enclosure			
A	10.04 in	E	4.00 in
B	9.52 in	F	5.95 in
C	8.50 in	G	5.71 in
D	7.43 in		



JB4EPT



JB4EP

Load Cell  
 Cord Grips  
 on Bottom

JUNCTION BOXES /  
 SIMULATORS