

# JB4EP and JB4EPT

TuffSeal® Excitation Trim Junction Box



Photo of JB4EP



## Approvals



## 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

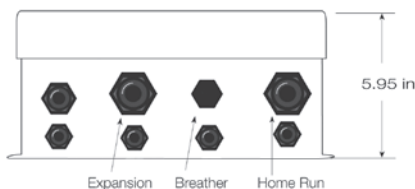
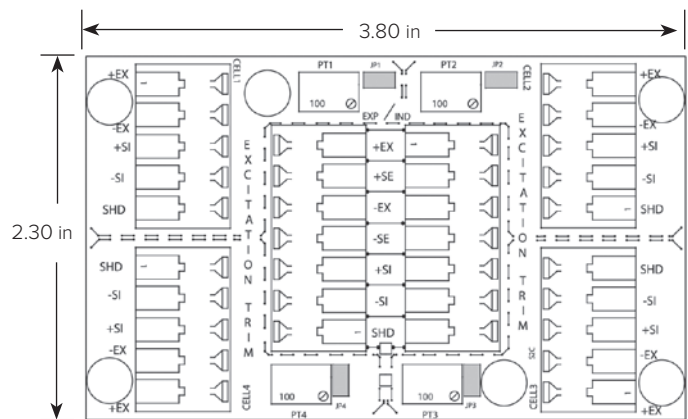
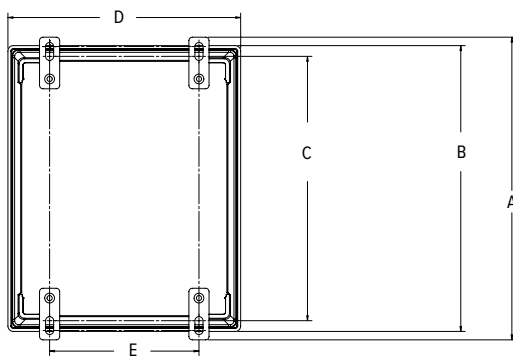
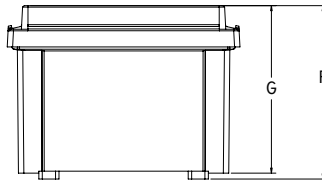
## Part Number/Price

Part #	Description	Price
91781	JB4EP excitation trim junction box	\$285.00
92763	JB4EPT excitation trim junction box with transient protection (not FM approved)	\$475.00
89446	Board only	\$170.00
89894	Transient board	\$235.00
165272	Enclosure only (does not include cord grips or filter)	\$145.00

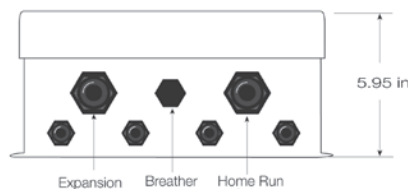
Note: Do not mix junction box models or use other brands of junction boxes with Rice Lake junction boxes. There is a risk of system instability.

## 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