

# JB4EP and JB4EPT

TuffSeal® Excitation Trim Junction Box

## Specifications

### Cable Fittings:

- (4) PG7 0.118-0.255 strain relief
- (2) PG11 0.197-0.394 strain relief
- (1) PreVent™ breather vent

### Enclosure:

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

### Temperature:

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

### Connectors:

Spring clamp screwless, 12-28 AWG

### Trimming:

Individual cell, excitation trim

### Potentiometers:

100 ohm, 25-turn cermet

### Circuit Board:

3.8 in x 2.3 in, with conformal coating

### Warranty:

One-year limited warranty

## Approvals



PN 92763  
Not FM approved



Photo of JB4EP

## Standard Features

- Fiberglass Reinforced Polyester (FRP), NEMA Type 4X enclosure with stainless steel cover screws
- 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

## 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.

