

JB4SP and JB4SPT

TuffSeal® Signal Trim Junction Box



Approvals



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, signal trim

Potentiometers:

100,000 ohm, 25-turn cermet

Circuit Board:

3.8 in x 2.3 in, with conformal coating

Warranty:

One-year limited warranty

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

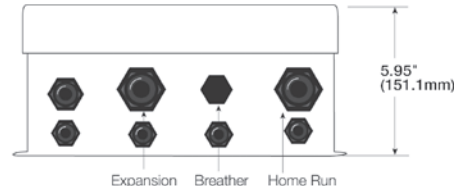
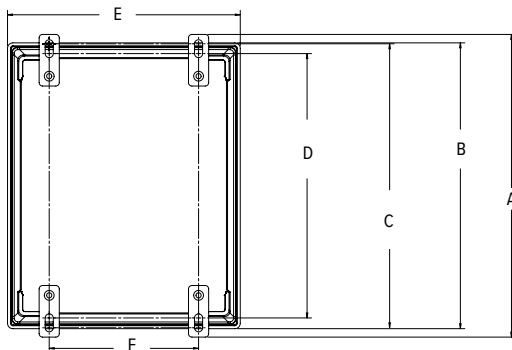
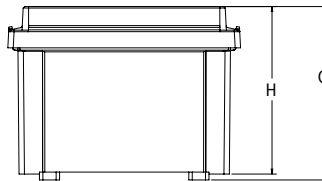
Part Number/Price

Part #	Description	Price
91780	JB4SP signal trim four-channel with expansion	Consult
92762	JB4SPT signal trim with transient protection (not FM approved)	Consult
88958	Board only	Consult
89894	Transient board	Consult
165272	Enclosure only (does not include cord grips and filter)	Consult

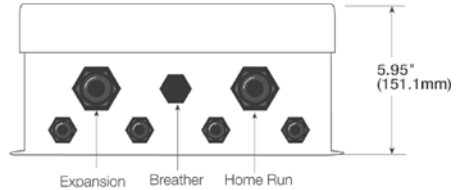
Note: Do not mix junction box models or use other brands of junction boxes with Rice Lake junction boxes. There is a risk of system instability.

Dimensions

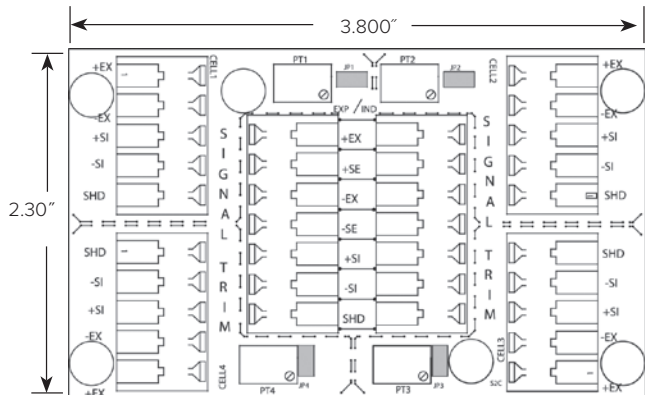
Enclosure			
A	10.04 in (255.0 mm)	E	7.43 in (188.7 mm)
B	9.52 in (241.8 mm)	F	4.00 in (101.6 mm)
C	9.29 in (236.0 mm)	G	5.95 in (151.1 mm)
D	8.50 in (215.9 mm)	H	5.71 in (145.0 mm)



JB4SPT



JB4SP



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.

Dimensions

Enclosure			
A	10.04 in (255.0 mm)	E	7.43 in (188.7 mm)
B	9.52 in (241.8 mm)	F	4.00 in (101.6 mm)
C	9.29 in (236.0 mm)	G	5.95 in (151.1 mm)
D	8.50 in (215.9 mm)	H	5.71 in (145.0 mm)

