

JB8SP

TuffSeal® Signal Trim Junction Box



Approvals



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, range

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

- 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
- 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
91782	JB8SP signal trim eight-channel with expansion	Consult
173807	JB8SP signal trim eight-channel with expansion, FM approved	Consult
89889	Board only	Consult
172415	Board only, FM approved	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

