

JB1010T Signal/Excitation Trim Junction Box

RICE LAKE
WEIGHING SYSTEMS

As of: Thursday, October 31, 2024



Standard Features

- Transient protection
- Signal or excitation trim
- Front panel mounting
- Strain relief cable fittings
- Number of cells: 1 through 10
- Trims odd numbers of cells without modification

Applications

- Tank, truck, railroad, hopper and floor scales
- Universal field replacement of existing boxes
- Expansion of existing scales

When trimming junction boxes for paralleling load cells, the JB1010 provides signal or excitation trim capabilities. Whether expanding an existing scale or replacing a junction box on a truck or floor scale, the JB1010 provides easy access for trimming up to ten load cells per unit or conveniently adjust multiple cell modules by section.

JB1010 Signal/Excitation Trim Junction Box with Transient Protection Specifications

Cable Fittings:

Nylon waterproof strain-relief type

Rating/Material:

NEMA Type 4X

Fiberglass Reinforced Polyester (FRP)

Terminal Block:

Rated 300V/15A; 7-position screw terminal
can each accommodate up to #16 AWG

Trimming:

Individual cell, section signal and excitation
trim

Temperature:

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

Potentiometers:

100,000 ohm, 25-turns cermet

Mounting Centers:

3.75 × 2.31 in (95.2 × 58.7 mm)

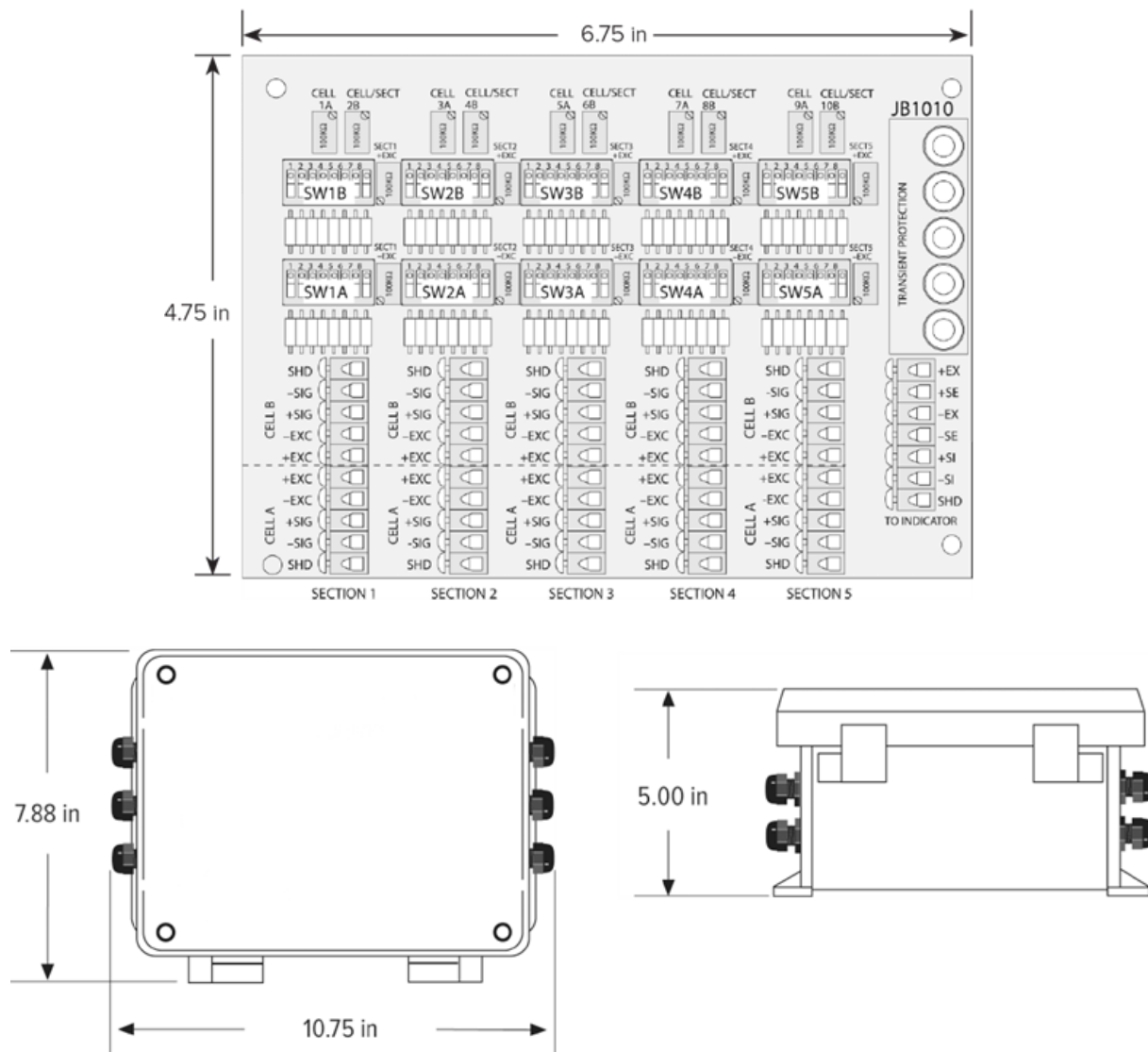
Cable Diameter:

0.079 to 0.314 in

Warranty:

One-year limited

JB1010 Signal/Excitation Trim Junction Box with Transient Protection Dimensions



Replacement Junction Boxes, Boards or Components Table

Model	Complete J-Box Replacement	Replacement Board Only	Replacement Cord Grips	Replacement Pressure & Condensation Vent	Desiccant Packs
JB4SS	88956	88958	58983=PG7 59001=PG11	88733 PreVent™ breather (vent) 88734 (vent nut)	92240
JB4ES	91779	89446	58983=PG7 59001=PG11	88733 PreVent™ breather (vent) 88734 (vent nut)	92240
JB4SP JB4SPT	91780 92762	88958 89894	58983=PG7 59001=PG11	88733 PreVent™ breather (vent) 88734 (vent nut)	16039
JB4EP JB4EPT	91781 92763	89446 89894	58983=PG7 59001=PG11	88733 PreVent™ breather (vent) 88734 (vent nut)	16039
EL204	73428	88958	N/A	N/A	N/A
JB8SP	91782 173807 - FM Approved	89889 172415 - FM Approved	15655 (cord grip) 15656 (nut)=3/8" NPT 15628 (cord grip) 15630 (nut)=1/2" SPT	88733 PreVent™ breather (vent) 88734 (vent nut)	16039
JB8SPT	91783	89889 (load cell) 89894 (transient protection)	15655 (cord grip) 15656 (nut)=3/8" NPT 15628 (cord grip) 15630 (nut)=1/2" SPT	88733 PreVent™ breather (vent) 88734 (vent nut)	16039
EL304A	21169	21301	N/A	N/A	N/A
JB1010	36231	36351	N/A	N/A	N/A
JB1010ST	68813	68811	N/A	N/A	N/A
EL210	91781, JB4EP*	92472	58983=PG7 59001=PG11	N/A	N/A
EL211A	91780, JB4SP* (The board does not have section trim capabilities)	92473 (The board does not have section trim capabilities)	58983=PG7 59001=PG11	N/A	N/A
EL604-AL	88956, JB4SS*	88958	58983=PG7 59001=PG11	N/A	N/A
EL604STA	88956, JB4SS*	88958	58983=PG7 59001=PG11	N/A	N/A
EL604ETA	91779, JB4ES*	89446	58983=PG7 59001=PG11	N/A	N/A
EL504	21165	21296	N/A	N/A	N/A
JB808S	91782, JB8SP*	92471	15655 (cord grip) 15656 (nut)=3/8" NPT 15628 (cord grip) 15630 (nut)=1/2" SPT	N/A	N/A
JB818ST	91783, JB8SPT*	Need (1) 77445, (1) 89889, (1) 89894	15655 (cord grip) 15656 (nut)=3/8" NPT 15628 (cord grip) 15630 (nut)=1/2" SPT	N/A	N/A

*See catalog page for enclosure dimensions

Parts

Part #	Description
36231	J-Box,JB1010 10 Channel FRP NEMA 4X ST
36351	Board,ST JB 1010 10 CHAN
165276	Enclosure,JB1010 Only JB1010 Junction Box Enclosure w/Cord Grips, Backplate and Cover.

www.ricelake.com | 800-472-6703

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