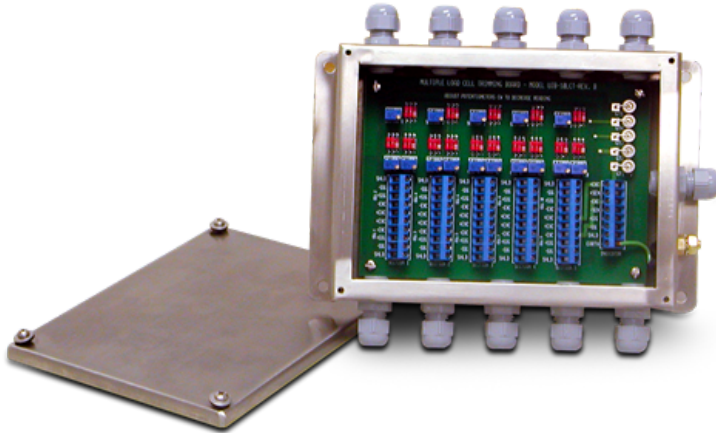


JB1010ST Signal Trim Junction Box

RICE LAKE
WEIGHING SYSTEMS

As of: Thursday, October 31, 2024



Standard Features

- Transient protection using gas discharge tubes
- Stainless steel, NEMA Type 4X enclosure
- Section and individual cell trim capability
- Compact enclosure only 1.75 in deep
- Strain relief cable fitting
- Number of cells: two, four, six, eight or 10 single load cells
- Legal for Trade sealing screws, wire and seal included

Applications

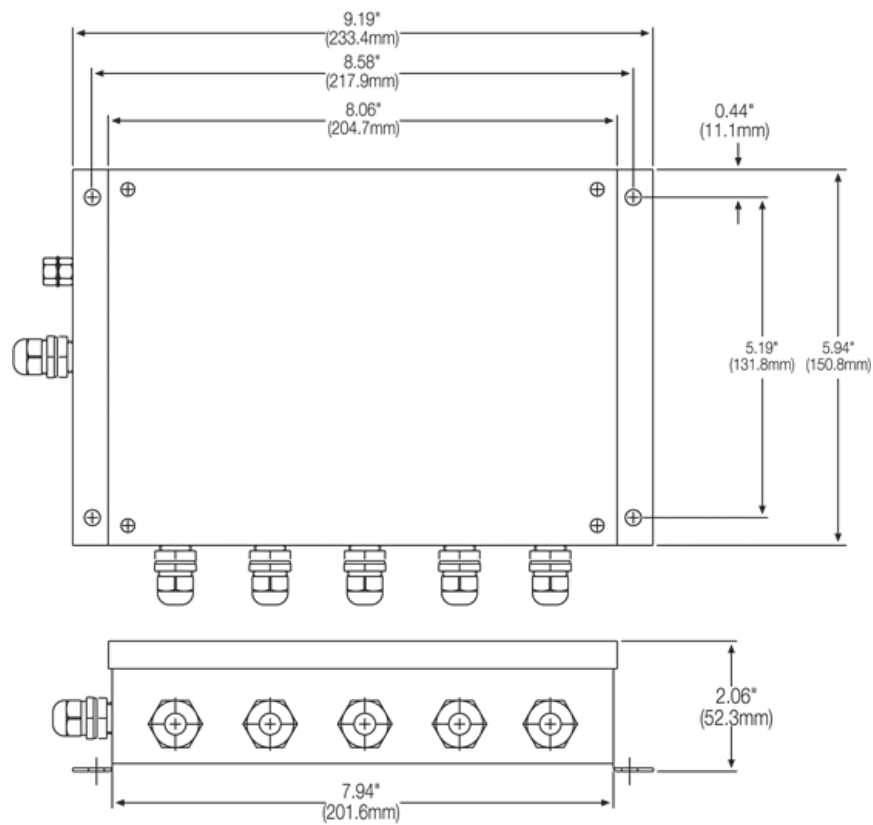
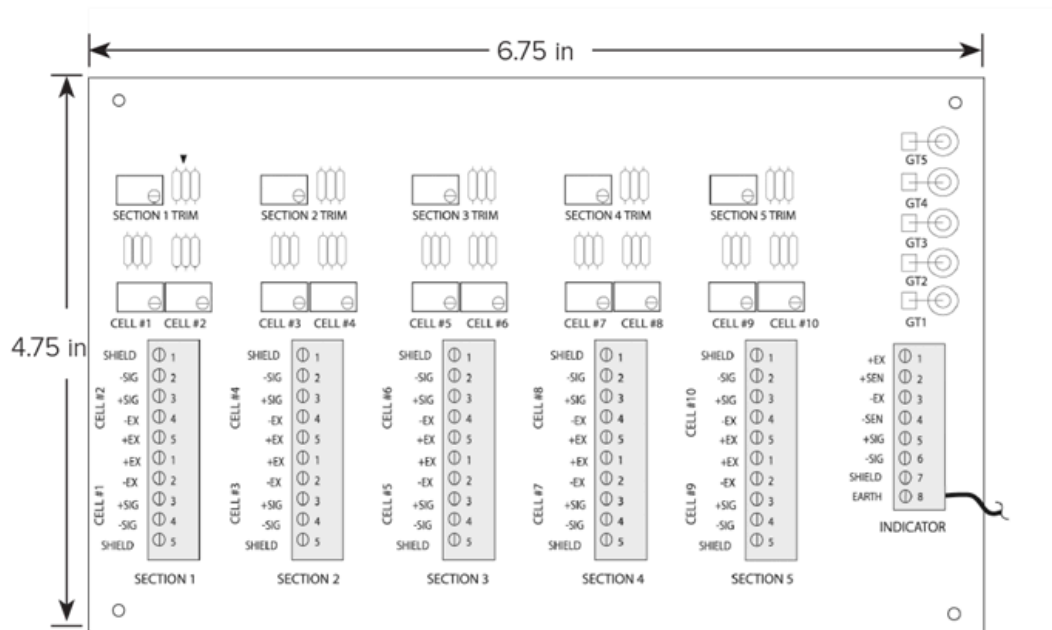
- Tank, truck and railroad scales
- Summing 10 load cells with individual and section trimming capability

Specifically for signal trimming, the compact JB1010ST signal trim junction box with transient protection provides individual cell and section trim capability. The JB1010ST junction box totals up to ten single load cells and includes transient protection inside the element-resistant NEMA Type 4X stainless steel enclosure.

JB1010ST Junction Box Specifications

Cable Fittings: Eleven nylon 0.079 to 0.314 in cable strain reliefs	Trimming: Individual cell and section signal trim	Potentiometers: 100,000 ohm, 25-turn cermet, individual trim 100 ohm, for section trimming
Rating/Material: NEMA Type 4X Stainless steel	Temperature: Operating: 0 °F to 122 °F (-18 °C to 50 °C)	Warranty: One-year limited
Connectors: Electrovert 0.197 miniature screw terminals Five positions Maximum wire size: #14 AWG External enclosure ground stud		

JB1010ST Junction Box 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
68811	Board,ST JB1010ST 10 Chan
68813	J-Box,JB1010ST 10 Channel Signal Trim SST Nema 4x
165277	JB1010ST Enclosure Only JB1010ST junction box enclosure with cord grips and cover

www.ricelake.com | 800-472-6703

An ISO 9001 Registered Company ©2024 Rice Lake Weighing Systems