

EL504 Signal Trim Junction Box



Standard Features

- Strain relief cable fittings
- Removable connectors for easy wiring
- Number of cells: two or four single cells (even number of cells only)

Applications

- Truck and floor scales
- Limited space installations

For signal trimming of two or four load cells outputs individually, the EL504 signal trim junction box is perfect for truck scales, floor scales and limited space installations. A stainless steel NEMA Type 4X enclosure ensures protection of sensitive circuitry from most destructive elements.

EL504 Signal Trim Junction Box Specifications

Cable Fittings:

Five nylon 0.187 to 0.312 in cable strain reliefs

Rating/Material:

NEMA Type 4X, 40 psi washdown
Stainless steel

Connectors:

Electrovert 0.197 in (5.0 mm) miniature two piece connectors. Maximum wire size #14 AWG; connectors are removable for easy wiring.

Trimming:

Individual cell, signal trim

Temperature:

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

Potentiometers:

100,000 ohm, 25-turn cermet

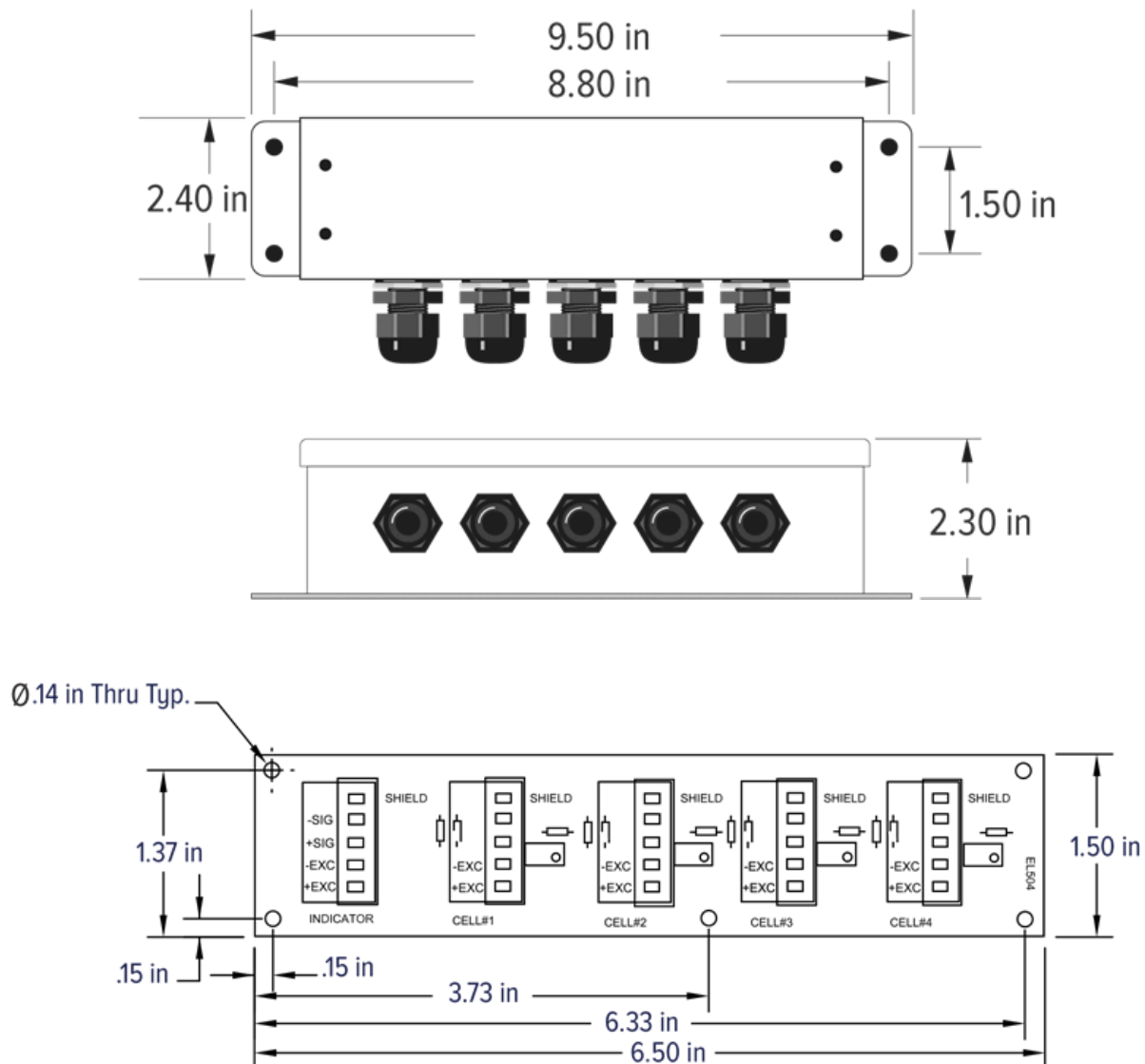
Circuit Board:

6.5 × 1.5 in, with anti-fungal coating

Warranty:

One-year limited

EL504 Signal Trim 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
21165	J Box,ST EL504 4 CHAN SST NEMA 4X
21296	Board,ST EL504 4 CHAN
165274	EL504 Enclosure Only EL504 junction box enclosure with cord grips and cover

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