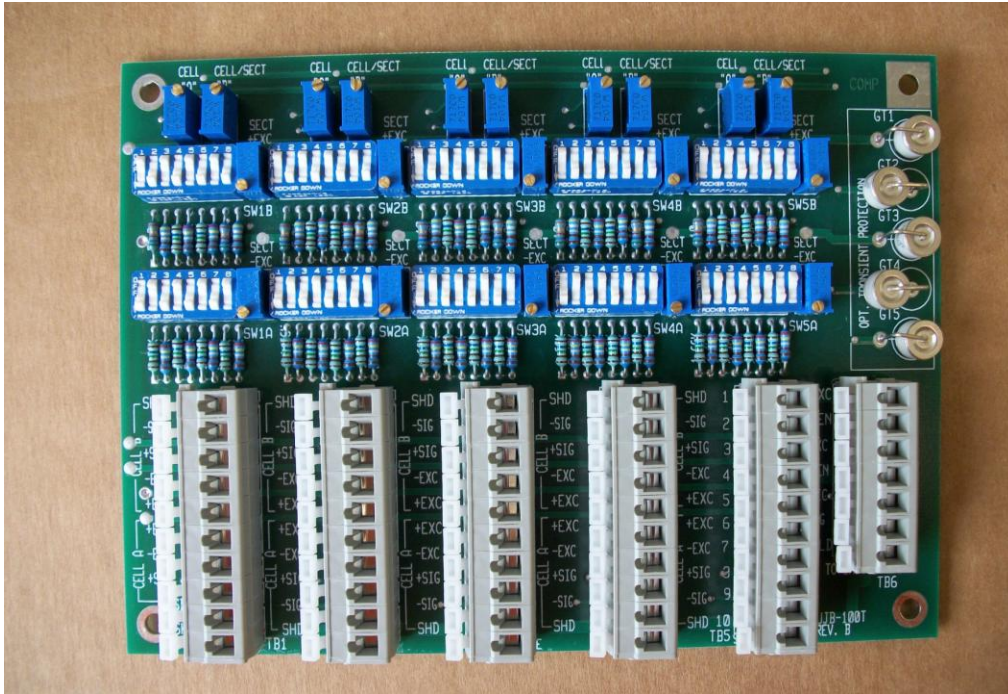


RICHARDS SCALE COMPANY

SCALE-PRO®

Innovative Products for the Weighing Industry

UJB-100-10 Junction Card



- **Universal Load Cell Summing/Trimming Junction Board with On-Board Transient Protection**
- **Works with almost all weigh meters**
- **Signal or Excitation trim options**
- **Trims odd number of load cells without modifications**
- **Stable and easy to install and use**
- **Matches existing junction boards with either 1K or 2.5K isolation resistors**
- **Available with WAGO™ spring terminals, Pluggable connectors, or screw terminal connectors**
- **Also available as B.O. (board only), FRP, (fiberglass re-enforced plastic), S.S.(stainless steel) or M.S. (mild steel)**

RICHARDS SCALE COMPANY ~ 820 South Penn Street ~ Sellersburg, IN 47172 ~ Ph: 812-246-3354 ~ FX 812-246-2255

Web-Site: www.scalepro.com ~ E-Mails: t.best@scalepro.com ~ info@scalepro.com

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Innovative Products for the Weighing Industry

Technical Specifications:

- Enclosure.....Standard; JIC pattern, 8" x 6" x 4", Optional stainless steel, mild steel, and Explosion proof.
- NEMA Rating... 4X Compliant
- Cord Grips.... 3/8" N.P.T. grip range- 0.157" to 0.314" standard nylon
- Brass External Earth Ground Lug w/ 10', #10 AWG Ground cable included
- Board Size: 6.750" long x 4.750" wide
- Connectors available; WAGO™ screwless, 45° screw terminal, pluggable upon request
- Connectors accept wire sizes from #24 AWG to #14 AWG
- Six wire connections w/ Shield
- 2 thru 10 cell connections available
- Cell impedance from 240Ω to 2000Ω
- Set-up - digital with DIP switches
- Trim types – Selectable SIGNAL or EXCITATION trimming
- Signal trim with 1KΩ or 2.5KΩ isolation, section trim
- Trim range.... Signal 100K, 22 turn potentiometers with 5K limiting resistors
- Trim range.... Excitation 0-5Ω in either or both Excitation leads
- Resistor types: Low-Noise, low T.C. Metal Film
- T/C: <25PPM
- Potentiometers: 22 turn BOURNS precession
- T/C: <35PPM/°C. Typical
- Trim Range: varies with number and type of load cells
- Transient Protection: Gas Ionization Type 75 VDC by four channels with Shield

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