

COMPONENTS TO COMPLETE YOUR HARDY SYSTEM

Hardy Bench Scales, Floor Scales and Load Points

Hardy carries a wide variety of strain gauge load points and scale bases to accommodate your application requirements.



ADVANTAGE Series
Load Point with
C2 Calibration



Hardy Bench
Scales

Weighing Instruments Dedicated to Your Applications

Controllers, Weigh Modules, Weigh Processors

Allen-Bradley® Compatible
Plug-in Weigh Scale Modules



HI 3000 Series
HI 4050 Controllers
and HI 6000 Series



MODEL #	DESCRIPTION
C2 Cable	C2 Certified, 8-Conductor
HI 215JB-SS1	Stainless Steel Standard
HI 215JB-SS2*	Stainless with Trim Pots
HI 215JB-SS3**	Stainless with TB-10
HI 215JB-SS4*	Stainless with Trim pots and TB-10
HI 215JB-PS1	Painted Standard
HI 215JB-PS2*	Painted with Trim Pots
HI 215JB-PS3**	Painted with TB-10
HI 215JB-PS4**	Painted with Trim pots and TB-10
HI 215JB-FG1	Fiberglass Standard
HI 215JB-FG2*	Fiberglass with Trim Pots
HI 215JB-FG3**	Fiberglass with TB-10
HI 215JB-FG4*	Fiberglass with Trim Pots and TB-10
HI 215JB-SC	Summing card, no enclosure
HI 215JB-SCT*	Summing card w/ trimpots, no enclosure
HI 215JB-SCB**	Summing card with TB-10, no enclosure
HI 215JB-SCBT*	Summing card with Trim Pots and TB-10, no enclosure

*Not for use with C2 load points

** For more than 4 load cells use two junction boxes/cards one with TB-10

JUNCTION BOX

Current in ma

- Max ma for 4 360Ω LCs: 57
- Max ma for 8 360Ω LCs: 114
- Max ma for 4 1100Ω LCs: 18
- Max ma for 8 1100Ω LCs: 38

Approvals

- CE

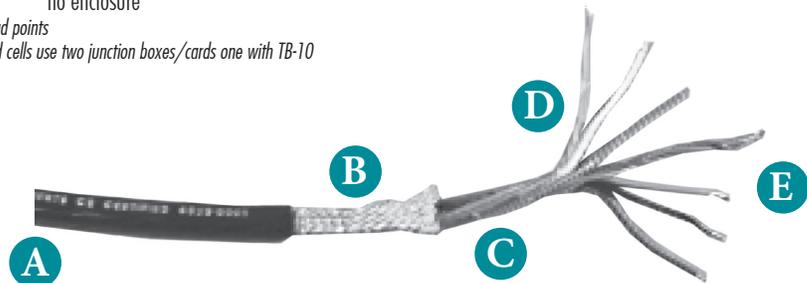
Warranty

- Two-year warranty against defects in workmanship

C2 CABLE

Recommended wiring for color code cabling between the junction box and instrumentation when using ADVANTAGE™ line and all other load points.

+ Excitation	Red
+ Sense	Blue
+ Signal	Green
- Signal	White
- Sense	Brown
- Excitation	Black
+ C2	Gray
- C2	Violet



A The thick (0.060") outer jacket protects signal leads from minor nicks and cuts, and helps keep moisture and contaminants out. The vinyl material used is flexible for conduit bends and slides more easily in long conduit runs. Additionally, this material resists many corrosive substances.

B A 36 gauge braided tinned copper shield provides better than 85% coverage and tight braid angles to reduce the chance of outside electrical noise reaching the signal leads. Unlike other process measurements, incremental changes in weight correspond to signal changes typically in the range of 0.0000001 volts (0.1 micro volt). Without proper shielding, common plant electrical noise can cause fluctuation and incorrect weight readings.

C A mylar barrier reduces the chance of moisture reaching the signal leads should the cable be nicked. Moisture between signal leads increases the capacitance between signals and results in cross coupling of voltages and incorrect weight readings.

D The 22 gauge wire is stranded for reliability in bends and is color coded for easy installation.

E Two wires make up a twisted pair to reduce capacitance for C2 signals and provide a constant cable impedance.

Visit our web site for:

- full product specifications
- ordering information
- application notes
- technical description
- operator's manual

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HARDY
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Measurement • Automation • Productivity

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CERTIFIED

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