

PATENTED AVERY WEIGH-TRONIX WEIGH BAR CONVERSION



Weightron Bilanciai's patented technology converts Avery Weigh-Tronix Bridgmont weighbridges from existing **Weigh Bar** load cells to their stainless steel **CPR** and **CPD** canister load cells. The conversion process is extremely straightforward and can be carried out with the weighbridge in situ, thereby causing minimum site disruption.

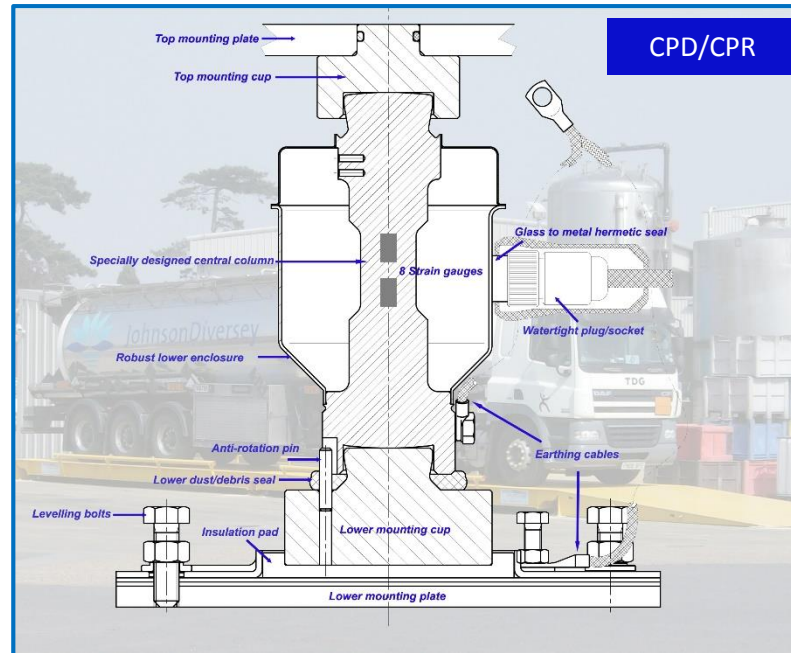
Weightron's CPR and CPD load cells feature fully weld-sealed stainless steel construction with glass-to-metal cable entry. This ensures ultimate **IP69K sealing** and optimum long-term reliability.

Weigh Bar type load cells can be unreliable in some harsh applications, resulting in ongoing expensive downtime and unnecessary weighbridge re-verification costs for customers.

The legal-for-trade version of the Avery Weigh-Tronix Weigh Bar is constructed from tool steel, making it prone to corrosion. The design is based on outdated bending beam technology and relies on potting compound for environmental sealing.

.....from the weighbridge experts

THE EASY WAY TO CONVERT YOUR AVERY WEIGH-TRONIX BRIDGEMONT WEIGHBRIDGE



Weightron's IP69K CPD digital load cells offer significant operational benefits for weighbridge owners, especially in terms of reliability and self-diagnostics.

IP69K is the ultimate sealing standard for load cells, demonstrating that they can withstand high-pressure steam cleaning in line with the stringent test specification outlined in the German **DIN 40 050-9** standard. This standard extends the IEC 60529 sealing system and was initially developed for road vehicles, especially those that need regular intensive cleaning such as dump trucks, cement mixers and road sweepers.

Tests have shown that the load cells have a MTBF of 228 years! (**Mean Time Before Failure** rates have been calculated at a temperature of 50°C according to Siemens SN29500-2005-1).

Weightron offer a range of innovative weighbridge technologies.

The modular design of the Eurodeck means that weighbridges can be built to fit existing pits, without the need for major civil engineering work. Special mounting posts convert deeper pits to accommodate our CPR and CPD load cell assemblies.

For sloping sites we have designed special mounting kits that allow weighbridge decks to be installed on gradients up to 1 in 20.

Special software converts a static Weightron weighbridge into a weighing in motion system for vehicle speeds up to 5 kph

Please note that we can also upgrade your electronic terminals and weight indicators to the latest technology

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