



VIBRATION ANALYSIS HARDWARE

CRHT102 Series Cable Reduction Boxes

The CRHT102 fiberglass cable reduction box can reduce the individual cables of 12 or 16 accelerometers to one multi-conductor cable and is specifically engineered for high temperature applications. Input wiring from each sensor is wired to the enclosure via three position terminal blocks. Each terminal block includes three inputs – positive, negative and shield, which is earth grounded via an external ground stud mounted to the side of the enclosure – as well as three outputs for corresponding wiring. Multi-conductor cabling with 12 or 16 paired wires within a PVC jacket is wired to the output side of each terminal block inside the enclosure. The cable exits through the bottom of the box as one single multi-conductor cable to provide input to a vibration switch box or MAXX box for data collection.



Input and output three position terminal blocks

All CRHT102 enclosures feature a hinged cover with a mounted snap latch to protect each terminal block when not in use. Rated for NEMA 4X (IP66), the box is resistant to hose directed fluid and corrosion and is rated for temperatures ranging from -40° to 212°F (-40° to 100°C). Cable input options for the CRHT102 include:



A. User Defined Inputs
(Installed by user)



B. Conduit Fitting
Input and Output



C. Nylon Cord Grip Inputs
Conduit Fitting Output