

MX303 SERIES MAXX BOXES

PRODUCT DESCRIPTION

CTC MAXX box solutions allow for the monitoring of remotely mounted vibration sensors, which would otherwise be restricted to human access due to safety considerations.

The **MX303** is a 12 channel, fiberglass enclosure designed for triaxial data collection. The MX303 provides connection of the four-conductor input wiring for a maximum of four triaxial accelerometers for portable data collection. Data is collected via four, four-pin output connectors compatible with Azima DLI Data Collector Cables. Input wiring from the sensors is wired to the outputs via terminal blocks located behind the hinged output panel. Inputs available on each terminal block include positive and negative for each axis or sensor signal, and one input for the shield drain wire that is grounded via an external ground stud mounted to the side of the fiberglass enclosure.

As an alternative ordering option, the MX303 can also be manufactured to provide connection of two-conductor input wiring of 12 single axis accelerometers or piezo velocity sensors.

All MX303 enclosures feature a hinged cover with a mounted snap latch to protect each four-pin connector 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 -58° to 180°F (-50° to 82°C).

ORDERING OPTIONS



A. User Defined (Installed by User)



B. Conduit Fitting



C. 12 Nylon Cord Grips for Single Axis Sensors

D. 4 Cord Grips for Triaxial Sensors



CHOOSING YOUR JUNCTION BOX SOLUTION

	CT BOXES	mini-MAXX	MAXX BOXES	SB BOXES	JB BOXES
Provides connection for remotely installed sensors to portable data collectors	✓	✓	✓	✓	✓
Optional cord grip or conduit inputs provide quick & secure cable entry to enclosure	✓	✓	✓	✓	✓
Withstands harsh factory and outdoor environments		✓	✓	✓	✓
Covered BNCs		✓	✓	✓	✓
Quick Release Terminal Blocks			✓	✓	✓
Fiberglass & stainless steel options available			✓	✓	✓
Slope top options available				✓	✓
Optional continuous output				✓	✓
12-48 channel options				✓	✓
Ability for online expansion				✓	✓
Fold-forward panel for easy wiring					✓
IEPE bias indicator light					✓

