

# **MX403 24-48 CHANNEL 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 **MX403** is a 24-48 channel, stainless steel enclosure designed for triaxial data collection. The MX403 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 outputs 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 are 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 earth grounded via the stainless steel enclosure. As an alternative, the MX403 can be manufactured to provide connection of the two-conductor wiring of up to 48 single axis accelerometers or Piezo velocity sensors.

Rated for NEMA 4X (IP66), the MX403 can withstand harsh environments, both indoor and outdoor, with temperatures ranging from -58° to 180°F (-50° to 82°C). A twist lock latch is installed on the door allowing the box to be sealed from the elements when not in use. The box's construction is resistant to hose directed fluid and corrosion.

## **ORDERING OPTIONS**



**A. User Defined (Installed by User)**



**B. Conduit Fitting**



**C. Cord Grips**

**S. Stainless Steel Cord Grips**



# 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					✓

