MX102 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 **MX102** fiberglass junction box is used to convert the two-conductor wiring of a permanently installed accelerometer or piezo velocity sensor to BNC outputs for portable data collection. The MAXX box can be fitted with connections for up to 12 BNC jacks in a safe location, with input wiring from the sensors connected via quick connect input terminal blocks. Each terminal block includes a positive, negative and ground connection and features a quick-release input. The shield drain wire is earth grounded via an external ground stud that is mounted to the side of the fiberglass enclosure.

Rated for NEMA 4X (IP66), the MX102 can withstand harsh environments, both indoor and outdoor, with temperatures ranging from -58° to 180°F (-50° to 82°C). A snap 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. Nylon 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					✓