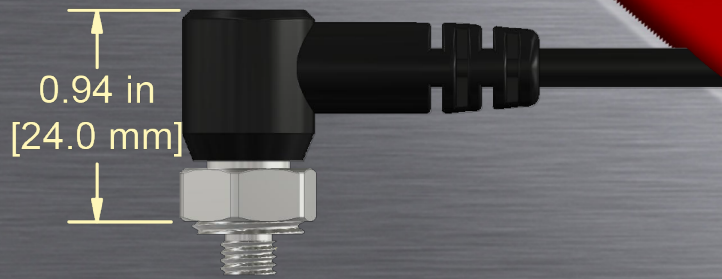




2023 IN REVIEW

A YEAR OF INNOVATION

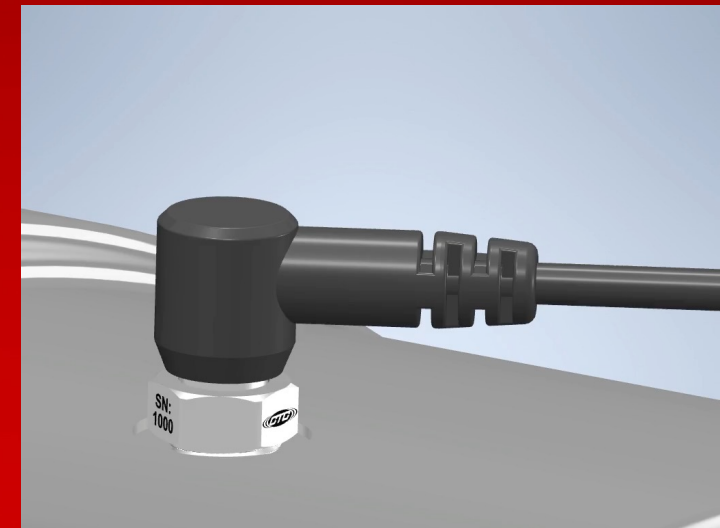
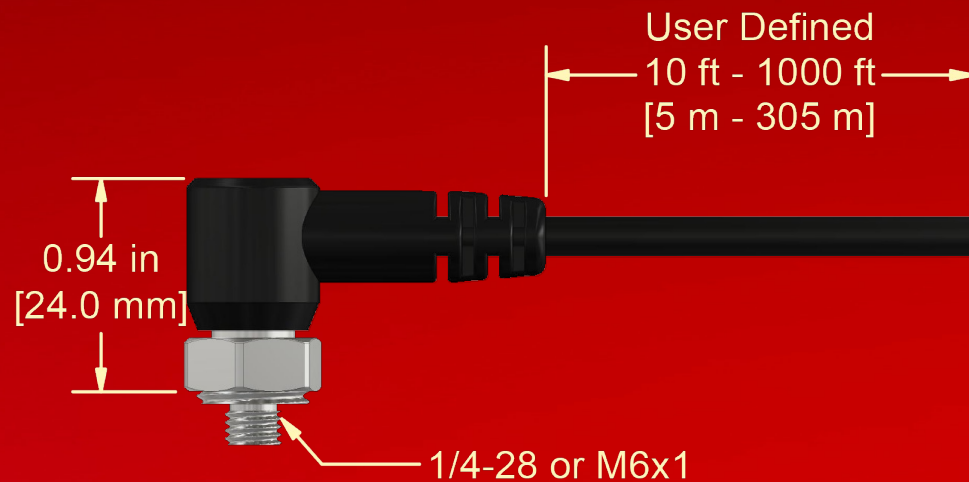
**Introducing CTC's innovative low-profile solution
for space constrained applications requiring
permanent mounting**



MEB360 & MCB360

PRODUCT HIGHLIGHTS

- Better frequency response in Hz and CPM than our competitors:
 - MEB360 (100 mV/g): 30 - 660,000 CPM and 0.5 Hz – 11 kHz (± 3 dB)
 - MCB360 (10 mV/g): 30 - 840,000 CPM and 0.5 – 14 kHz (± 3 dB)
- Allows for 360° positioning



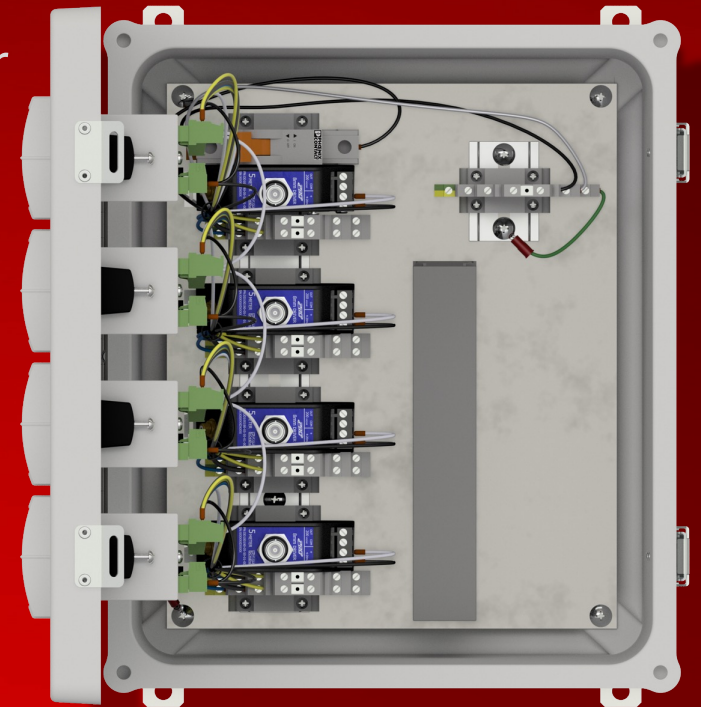
Don't have the budget for a full machine protection system? CTC's new PXD100 Series Enclosures are the perfect cost-effective proximity probe monitoring solution for small to medium-size machines.



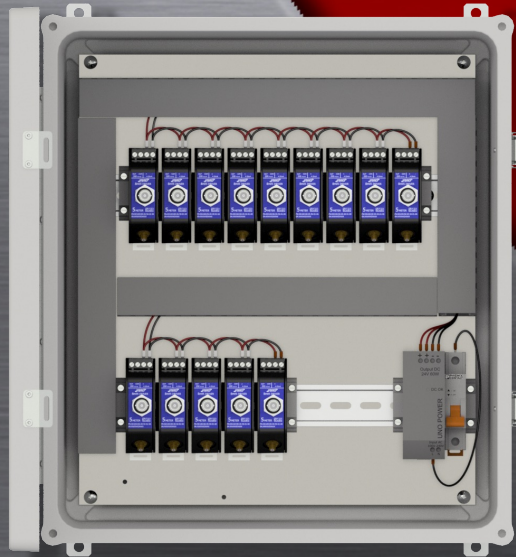
PXD ENCLOSURES

PRODUCT HIGHLIGHTS

- All drivers come factory installed in enclosures for easy installation
- This series locally displays proximity probe vibration or displacement values with the capability to set and trigger two programmable alarms/relays per channel
- Compatible with 4-20 mA proximity probe drivers:
 - DD1001, DD1007, DD1009
- Optional stack light add-on coming soon!



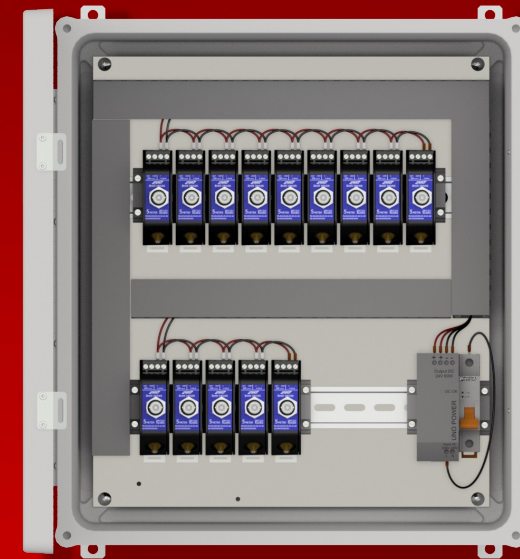
Securely house more proximity probe drivers than ever before with our new extended capacity PXE boxes, which can accommodate up to 14 drivers.



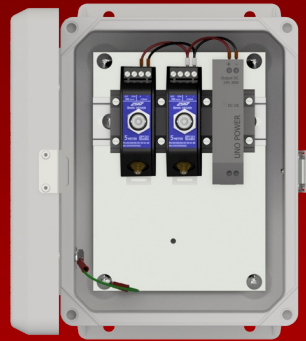
EXTENDED CAPACITY PXE ENCLOSURES

CONFIGURATION OPTIONS

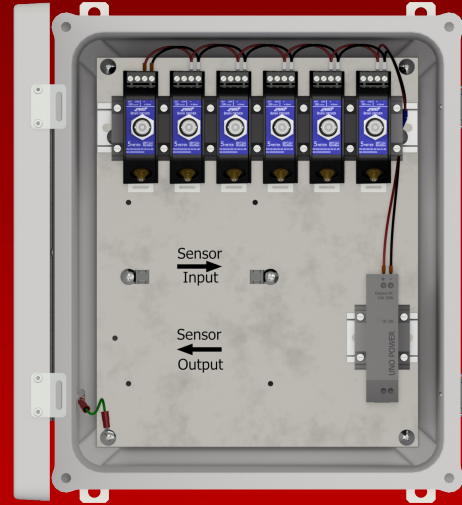
- Available in both stainless steel and fiberglass options, with optional factory-installed power supply and cable entry/exit options
- Fully customizable with any PRO Line driver configuration



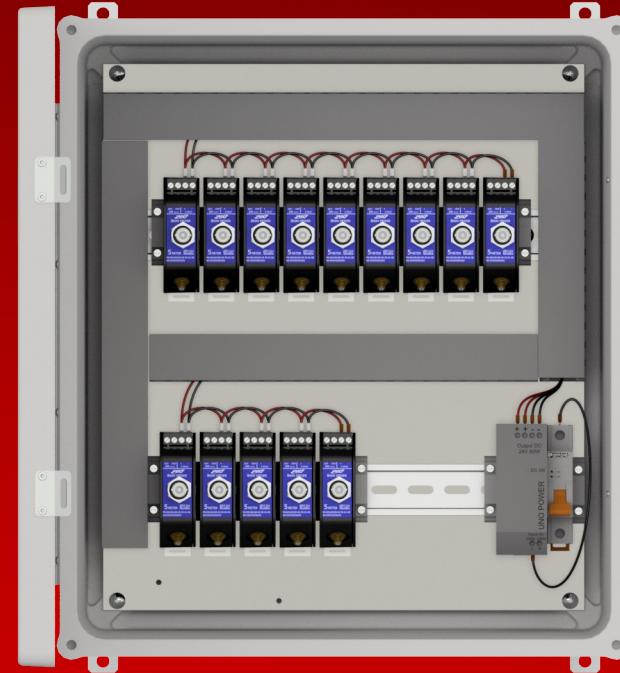
PXE SERIES PRODUCT DIMENSIONS



PXE110
2 Drivers
7.25 x 9.50 x 4.88 in
(184.2 x 241.3 x 123.9 mm)



PXE150
6 Drivers
11.73 x 13.74 x 6.93 in
(298 x 349 x 176 mm)



PXE350
14 Drivers
15.99 x 17.87 x 8.8 in.
(406.1 x 453.8 x 223.5 mm)



Introducing CTC's cost-effective, NEMA 4X rated MX700 Series Mini-MAXX Box with polycarbonate enclosure

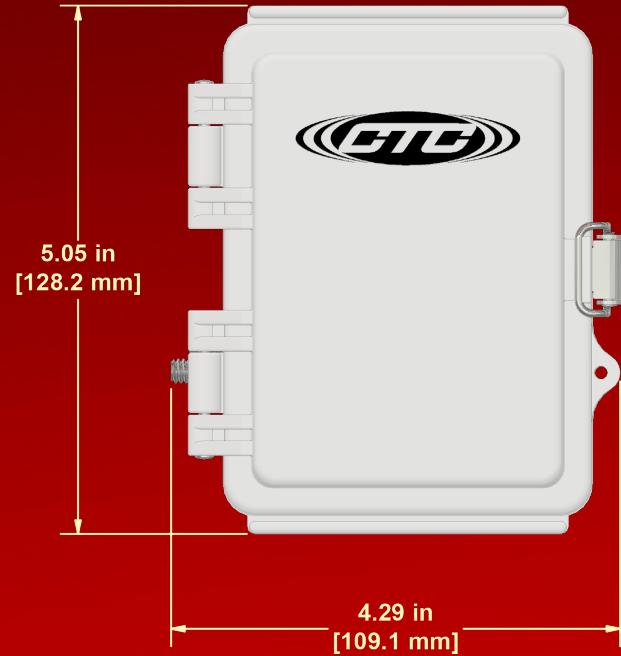
MX700 ENCLOSURES

PRODUCT HIGHLIGHTS

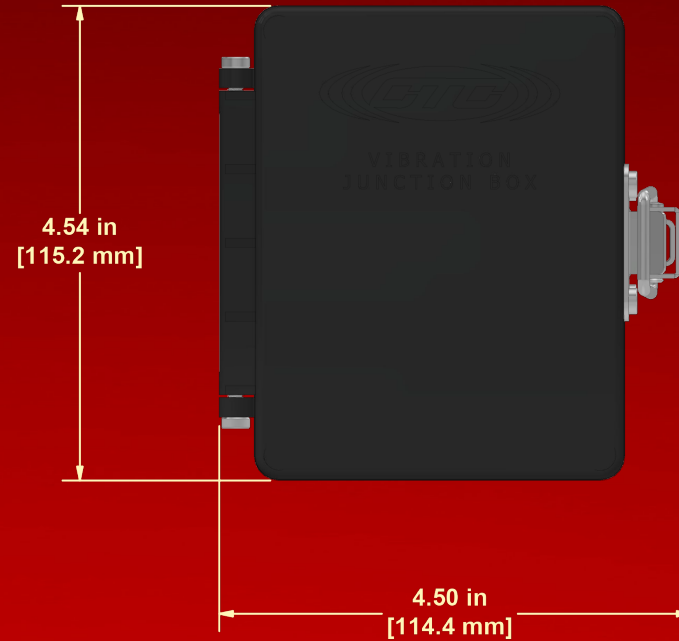
- NEMA 4X rated and specifically designed for coastal locations to protect against corrosive salt air
- Budget friendly
- Available in single axis, dual output, and triaxial compatible options
- Latching door cover protects BNC connectors from the environment



PRODUCT DIMENSIONS

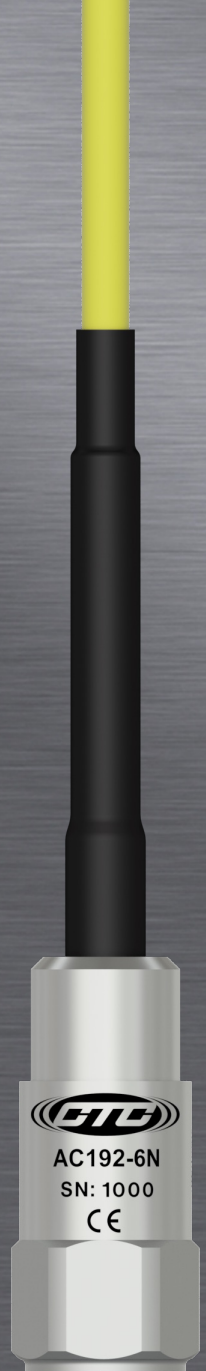


New MX700 Series



Legacy MX500 Series

The MX500 Series is our legacy aluminum version. Both enclosures have nearly identical dimensions.



Based on popular request, CTC has added FEP jacketed integral cabling options for all compact size accelerometers (like our popular AC192 and AC194).

EXPANDED FEP INTEGRAL CABLING OPTIONS

PRODUCT HIGHLIGHTS

- IP68 rated
- Utilized in the Food and Beverage Industry
- Black polyolefin heat shrinks approved for contact with food (FDA Compliant 21 CFR 177.1330)
- Reduce your overall system costs by eliminating the need for a separate connector



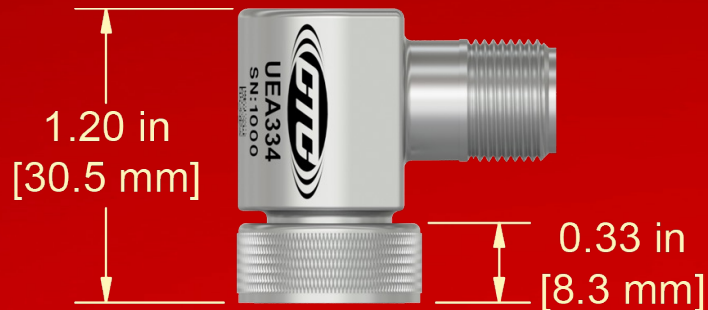
Introducing CTC's ultra low profile magnets which create the industry's lowest profile assemblies when paired with our miniature side exit and triaxial sensors.



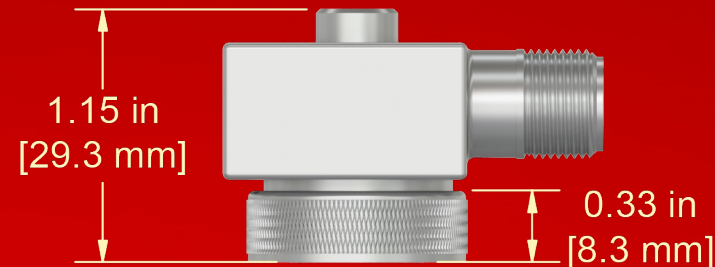
MH110-1A & MH111-1A

PRODUCT HIGHLIGHTS

- Provides access to once-unreachable readings in tight spaces
- High-strength neodymium iron boron magnet ensures optimal pull strength and performance
- Small form factor maximizes your sensor's mounted frequency response for precise data capture



UEA334 on MH110-1A Magnet



TREA330 on MH111-A Magnet



The SC150 Signal Conditioner is a budget-friendly variation of CTC's popular signal conditioner technology.

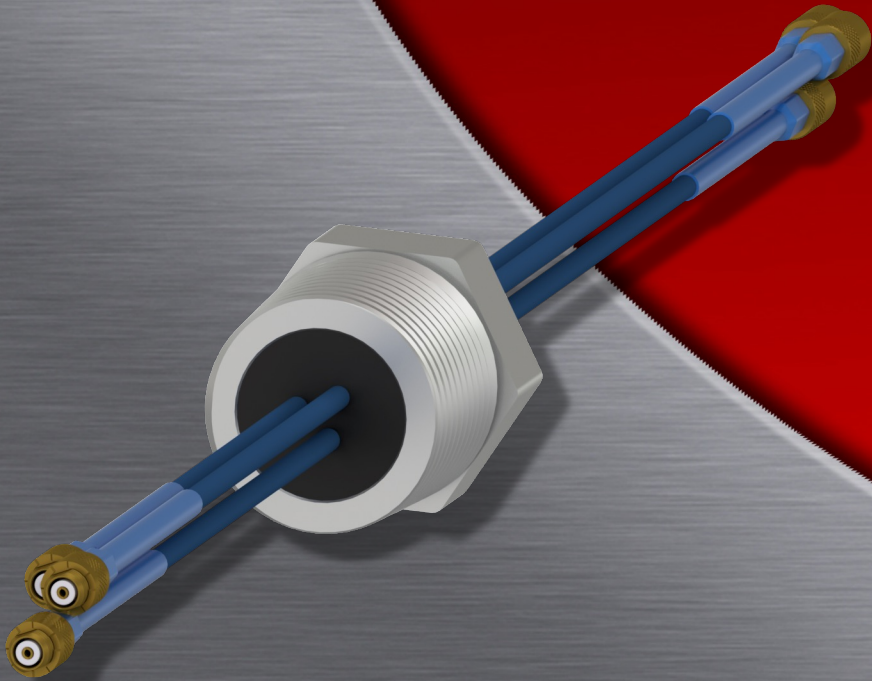
SC150

PRODUCT HIGHLIGHTS

- Enjoy over \$100 of savings compared to our SC300 Series, without compromising on excellence
- Compatible with 100 mV/g accelerometers only
- Dynamic output accessibility from the front BNC
- Available for purchase and installation in CTC's SCE Series Signal Conditioner Enclosures and SCD Series Relay and Display Enclosures



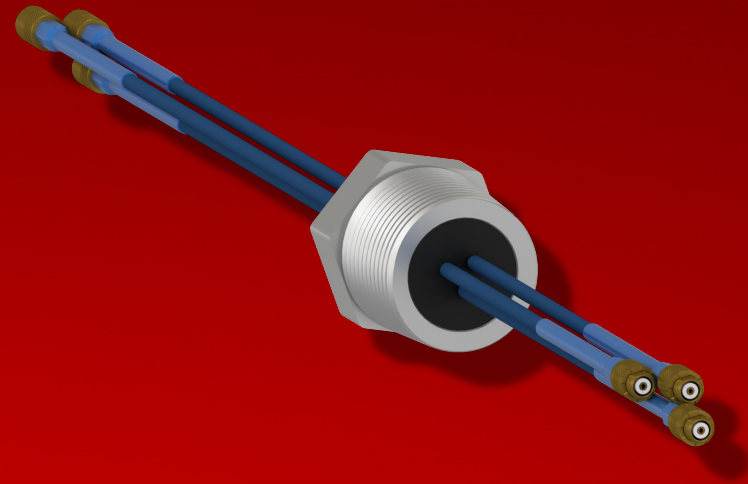
CTC is excited to introduce our new series of NPT Fitting Pressure Seals for use with our Proximity Probe Extension Cables.



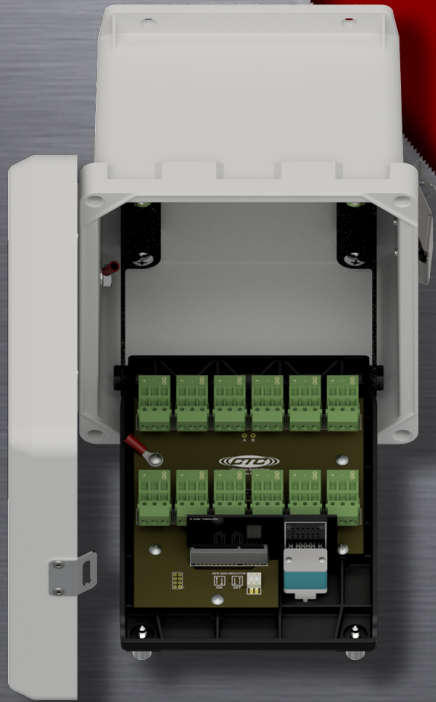
DM SERIES NPT FITTINGS

PRODUCT HIGHLIGHTS

- Configurable for 1, 2, or 3 factory-installed proximity probe extension cables
- Standard FEP jacketed or armor jacketed proximity probe extension cable options available
- Compatible with standard and Class 1, Division 2 approved PRO Line Proximity Probe Systems
- Rated to 400 PSI
- DM1000 Series: 1-11.5 Single-Sided NPT
- DM2000 Series: 1-11.5 Dual-Sided NPT



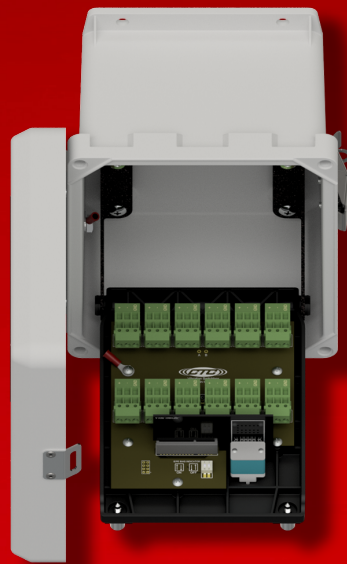
Continuous output options are now available for some of our most popular enclosures



CONTINUOUS OUTPUT OPTIONS

PRODUCT HIGHLIGHTS

- In our effort to provide the widest variety of configurable junction boxes on the market, we are excited to announce the addition of continuous output options for all:
 - JB Series Enclosures
 - SB Series Enclosures
 - Modular Switch Boxes



JB110



SB102



DSB1001



CTC's most robust connector series is now tested and approved for IP69 rating by an independent third-party lab.

VITON® BOOT COVERS

PRODUCT HIGHLIGHTS

- Durable Viton[®] material is ideal for wet and caustic environments
- Available in 2 socket, 2 socket mini-MIL, 3 socket, 4 socket mini-MIL, and 5 socket M12 options
- Connector kit options are also available



Continuing our mission to provide CTC customers with our most popular sensors in triaxial formats, CTC is excited to introduce our Loop Power Triaxial Sensors.



LPT TRIAXIAL SENSORS

PRODUCT HIGHLIGHTS

- Available in 4-20 mA output proportional to vibration in velocity (LPT202 Series) or acceleration (LPT302 Series)
- Customizable frequency bands to focus on the most important frequencies in your application
- Transmits signals over long distances with no signal loss
- Compatible with CTC's new A6A Connector
- Integral cable options also available





We're excited to introduce our top exit protective housing for reverse mount proximity probes.

DM95000

PRODUCT HIGHLIGHTS

- Easily adjust the gap between the machine shaft and the probe, or replace an extension cable without a machine shutdown
- Optional standoff adapter available – enjoy easier access for mounting and adjusting probes
- Anodized aluminum body construction with 316L stainless steel sleeve withstands harsh environments
- Compatible with reverse mount 1/4-28 threaded probes





We're proud to introduce an incredibly unique triaxial sensor offering *only available from CTC* – Our Low Frequency Dual Output Triaxial Sensors.

LOW FREQUENCY DUAL OUTPUT TRIAXIAL SENSORS

PRODUCT HIGHLIGHTS

- This sensor offers three axes of vibration measurement plus a temperature reading, all from one sensor
- Compatible with CTC's A5A Connector
- Integral cable options also available



**Our very best value distributor display kit –
only \$200 for 10 pieces of our most popular
CTC Line products!**



MINI DISPLAY KIT

PRODUCT HIGHLIGHTS

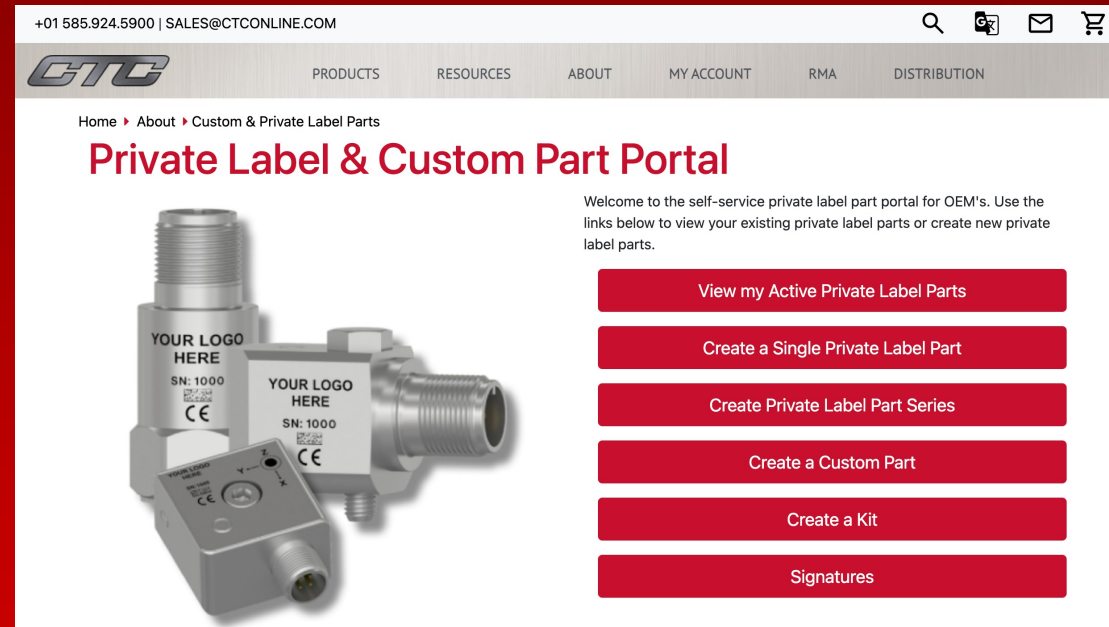
- Includes non-functional versions of our best-selling standard, compact and mini size accelerometers, cables and connectors, and mounting hardware
- Allow your customers to personally experience the unmatched quality and durability of CTC products
- Comes in a durable foam-lined protective carrying case to keep your products in perfect presentation condition



CUSTOMER ENHANCEMENTS

Our new online platform for OEMs makes ordering your custom or private-label parts quick and easy!

- Seamlessly access an overview of all currently active custom and private label parts
- Effortlessly request custom-tailored datasheets for your exclusive private-label parts
- Streamline the submission process for private-label part inquiries including e-signature approval functionality and ability to create a private-label series



PRIVATE LABEL PART CREATOR

Our custom and private-label portal also enables you to build a Part Kit for quick and convenient reordering

- A part kit consists of a group of parts that are always ordered together and are given a single consolidated ordering number to ensure you always receive the same parts
- There are two types of part kits available:
 - Private Label Part Kit
 - CTC Label Part Kit

Please note, part kits do not receive any special packaging

Requested Part Number (No Underscores, periods or spaces)

MotorDriveEnd-Kit1

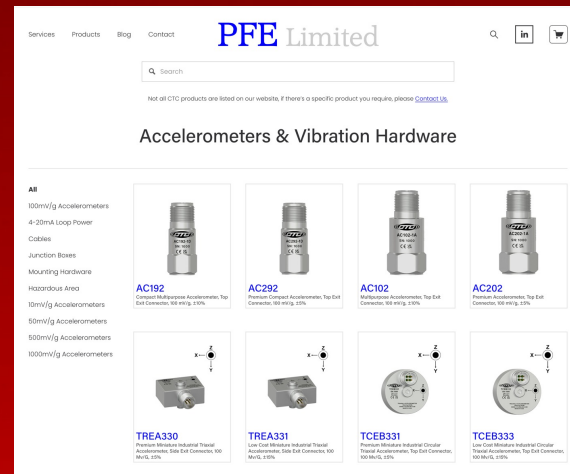
Kit Parts

Part Number:	Quantity:	Description:
<input type="text" value="JB110-4C"/>	<input type="text" value="1"/>	JB110 Series iBox Single Axis Vibration Switch Box, Fiberglass Enclosure, 4 Sensor Inputs, Nylon Cord Grip Inputs with Spring Cage Terminal Blocks
		Price: 718.02
Part Number:	Quantity:	Description:
<input type="text" value="AC102-1A"/>	<input type="text" value="4"/>	Multipurpose Accelerometer, Top Exit 2 Pin Connector, 100 mV/g, ±10%; 1/4-28 Stud
		Price: 119.47
Part Number:	Quantity:	Description:
<input type="text" value="CB102-A2A-020-Z"/>	<input type="text" value="4"/>	Twisted, Shielded Pair Cable, Red FEP Jacket, 0.175" (4.5 mm) OD, 392 °F (200 °C) Max Temp; Total Cable Length: 20 Feet; Connector 1: 2 Socket MIL-Style, Polycarbonate Molded Connector, Permanent Mount, 250 °F (121 °C) Max Temp; Connector 2: Blunt Cut
		Price: 77.13

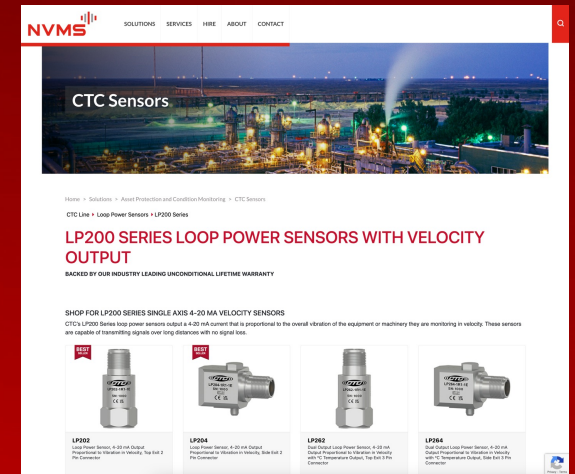
KIT BUILDER

Our convenient API makes it easy to keep CTC information up to date on your website

- Host the entire CTC catalog on your website with no maintenance
- Our user-friendly API is a copy and paste snippet of code that is easily added into your website's HTML code
- Can automatically remove CTC-branded headers and footers to ensure the content fits seamlessly into your website



[PFE website with CTC API](#)



[NVMS website with CTC API](#)

[Download our API Start-Up Guide](#)

WEBSITE API

ADDITIONAL ANNOUNCEMENTS

Vibration Analysis Training

March 18 – 22, 2024

Connection Technology Center, 7939 Rae Blvd, Victor NY

- Master basic vibration analysis through The Vibration Institute's CAT II Basic Machinery Vibration (BMV) course
- Acquire crucial skills in sensors, data collection, signal processing, fault analysis, and more
- Whether you're a beginner or aiming for certification, this course is your stepping stone. Don't miss interactive workshops and demos breathing life into theory
- [Register online today at vibrationinstitute.com!](https://vibrationinstitute.com)



UPCOMING CATEGORY II TRAINING