

INDUSTRIAL VIBRATION MONITORING SOLUTION

Supported By



VIBRATION ANALYSIS HARDWARE



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VIBRATION ANALYSIS HARDWARE

www.ctconline.com

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ACCLEROMETER

Multipurpose Accelerometer, Top Exit



STANDAR SIZE



COMPACT SIZE



MINI SIZE

Multipurpose Accelerometer, Side Exit



STANDAR SIZE



COMPACT SIZE



MINI SIZE

Multipurpose Accelerometer, Integral Cable Options



**Standard
Integral Cable**



**Jacketed
Integral Cable**

HIGH-TEMPERATURE ACCELEROMETER



AC207

- 100 mV/g
- Max Temp. 325 °F (162 °C)



AC288

- 100 mV/g
- Max Temp. 325 °F (162 °C)



CM362-7A

- 50, 100 mV/g, 100 mV/in/sec
- Max Temp. 325 °F (162 °C)

HAZARDOUS AREA ACCELEROMETER



**CLASS 1 Division 2
(ATEX Zone 2)**



**Intrinsically Safe
Accelerometer**



**IEC Certified
(IECEx/ANZEx/PESO)**

Class I, Division 2 (ATEX Zone 2)	Intrinsically Safe Accelerometers	Intrinsically Safe IECEx Certified Accelerometers
AC940 Series	AC970 Series	AC961 Series
AC944 Series	AC972 Series	AC963 Series
AC949 Series	AC974 Series	AC964 Series
AC950 Series	AC979 Series	AC965 Series
AC931 Series - Low Capacitance	AC980 Series	AC966 Series
AC933 Series - Low Capacitance	AC982 Series	
AC934 Series - Low Capacitance	AC911 Series	

DUAL OUTPUT SENSOR ACCELEROMETER (VIBRATION & TEMPERATURE)



TA202

- 100 mV/g, Top Exit Connector
- 3 Pin MIL Connector



TA204

- 100 mV/g, Side Exit Connector
- 3 Pin MIL Connector

BIAXIAL/TRIAXIAL ACCELEROMETER



Side Exit Connector



Integral Cable



Armored Integral Cable

OTHERS BIAXIAL/TRIAXIAL ACCELEROMETER

OTHERS BIAXIAL/TRIAXIAL ACCELEROMETER	
AC155 Series	Low Cost Triaxial Accelerometer, Connector / Cable, 100 mV/g, 4 Pin J Connector
AC155-M12D	Low Cost Triaxial Accelerometer, Connector / Cable, 100 mV/g, 4 Pin M12 Connector
AC119 Series	Biaxial accelerometer, 100 mV/g, 3 Pin MIL
AC132 Series	Triaxial Accelerometer, 100 mV/g, for Modal & ODS Analysis, 3 Pin MIL
AC230 Series	Premium Series Triaxial Accelerometer, 100 mV/g, 4 Pin J Connector
TREA330 Series	Premium Compact Triaxial Accelerometer, 100 mV/g, 4 Pin
TREA331 Series	Low Cost, Compact Triaxial Accelerometer, 100 mV/g, 4 Pin

CABLES



CB102

Twisted, Shielded Pair cable



CB104

Coiled Cable, Polyurethane



CB103

Twisted, Shielded Pair,
Polyurethane



CB111

Twisted, Shielded Pair cable
Max temp. 200 °C



CB119

4 Conductor Jacketed Cable,
Max temp. 200 °C



CB802

Twisted, Shielded Pair,
Armor Protected cable



HAZARDOUR ZONE OPTION

Class 1 Division 2 Approved Cables

Jacketed Type

- ✓ Fluorinated ethylene propylene (FEP)
- ✓ Polyurethane
- ✓ Lightweight Polyurethane
- ✓ PVC
- ✓ Thermoplastic Elastomer (TPE)
- ✓ Low Smoke Zero Halogen

Armor Options

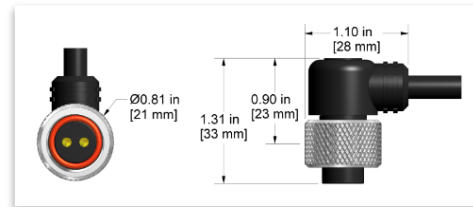
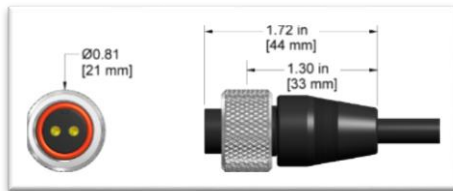
- ✓ Stainless Steel Braided Sheathing
- ✓ Stainless Steel Armor
- ✓ Hydraulic Hose Armor

Conductor Options

- ✓ 2 Conductor
- ✓ 3 Conductor
- ✓ 4 Conductor
- ✓ 6 Conductor
- ✓ 8 Pair Multi Conductor
- ✓ 12 Pair Multi Conductor
- ✓ 16 Pair Multi Conductor

CONNECTORS

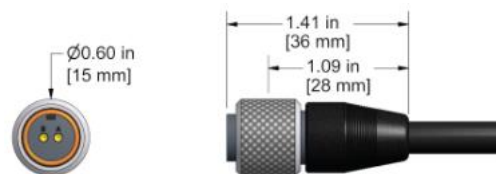
A Series : 2 or 3 Socket MIL Style (C-5015)



D Series : 2 or 3 Socket MIL Style (C-5015)



J Series : 2 or 4 Socket Mini-MIL Connector



M Series : 5 Socket M12 Molded Connector



Many other Connector Options are available. Please visit to CTC website for more details.

JUNCTION BOXES



Case Material : Fiberglass
Input : Custom Input option
Rating : NEMA 4x
Resistance : Resistance to Hose Directed Fluid and Corrosion
Dimension : 196 x 244 x 116 mm

SWITCH BOX – iBOX Series



JB100/JB200

Available with single axis, biaxial and triaxial output



JB110- 24-48 Channel

Available in 24, 36, or 48 Channels

SWITCH BOXES



SB102/SB202

Fiberglass/stainless steel with boxes available in 4 – 12 channels



SB142/SB242

Fiberglass/stainless steel with boxes for dual output available in 4 – 8 channels

4 – 20 mA VELOCITY & ACCELERATION



Top Exit



Top Exit



Side Exit



Side Exit



Top Exit

LP200
Velocity Output

LP300
Acceleration Output

LP400
Dual Output

SIGNAL CONDITIONERS



SC900 Series
Hazardous Location
Approved, 4-20 mA
vibration transmitters



SC300 Series
Single or Dual channel
vibration & Temperature

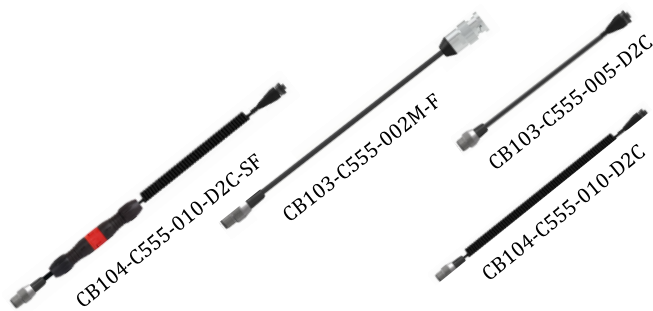
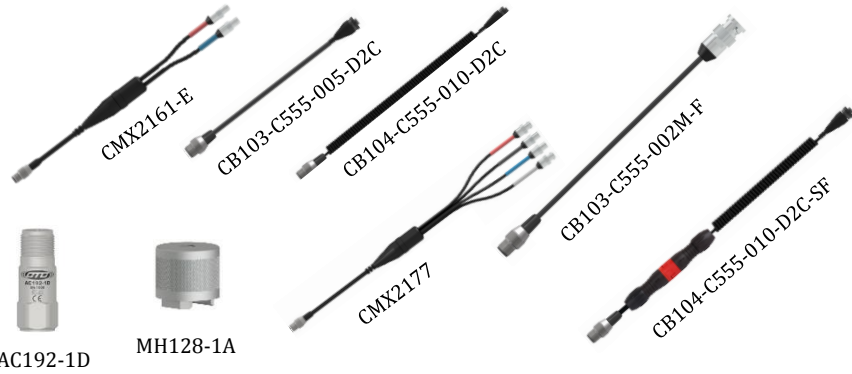
VIBRATION ANALYZER COMPATIBILITY

Vibration Analyzer Compatibility Data Collection



**EMERSON
CSI 2140**

Vibration Analyzer



**EMERSON
CSI 2130**

Vibration Analyzer

**SKF
Microlog
CMXA44/50/55/70**



**PRUFTECHNIK
VIBXpert II
Vibscanner 2**



Connector Cable C619
Triaxial IEPE Accelerometer
input cable for Vibscanner 2



Connector Cable C617
Input for VIBXpert II, 7 Pin



Connector Cable C618
Input for VIBXpert II, 7 Pin