



MODEL 052LV001HX &  
050LQ006LU

## BREAK-AWAY SAFETY CONNECTOR

- Rugged & Reliable
- EMI / RFI Shielding
- Multiple Connector Configurations:
  - All Commercially Available Data Collectors
  - 2 Pin MIL-style Connector
  - BNC Plugs or Jacks



### KEEP EQUIPMENT & PERSONNEL PROTECTED FROM HAZARDOUS MACHINERY

When it comes to portable data collection, the protection of personnel and valuable equipment is paramount. IMI's analyzer cables with optional break-away safety connectors protect technicians and their equipment from being pulled into rotating machinery during routebased vibration monitoring.

The safety connector quickly disconnects in the event that the sensor or analyzer cable becomes inadvertently entangled when collecting data. Designed to interface directly with handheld data collectors and to withstand the harshest industrial environments, these safety connectors help prevent accidents involving portable data collector cables.



## CORDSET CONFIGURATIONS

### Data Collector Cordsets - Coiled Cabling (model 050LQ006LU shown)



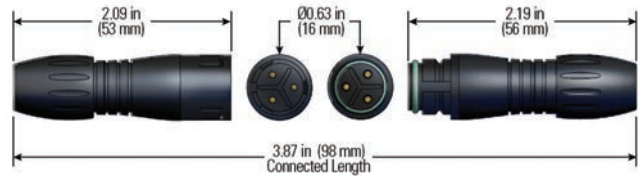
**Available Coiled Cable Lengths:**  
6 ft (1.8 m), 10 ft (3.3 m)

### Data Collector Cordsets - Straight Cabling (model 052LV001HX shown)



**Available Coiled Cable Lengths:**  
1 ft standard lengths, custom lengths available

Route-based vibration monitoring puts technicians who take measurements from rotating machines at risk. Safeguard your personnel and valuable equipment with break-away safety connectors that minimize the chances of being pulled into dangerous rotating machinery.



#### BREAK-AWAY SAFETY CONNECTOR SPECIFICATIONS

Performance	Standard
Connector Style	Circular
Connector Style	Breakaway
Connector Type	3 Socket (female) / 3 Pin (male)
Connector Type	Jack (female socket / receptacle) Plug (male pin)
Coupling Method	Snap-On
Strain Relief	Potted
<b>Environmental</b>	
Temperature Range	-40 to +176° F (-40 to +80° C)
<b>Electrical</b>	
Insulation Resistance	10 Gohm
Rated Voltage	250 V
<b>Physical</b>	
Shell Protection	IP67
RoHS Compliant	No
Housing Material	Plastic
Size (OD x Length)	0.75 in x 2.2 in (19 mm x 57 mm)
Weight	0.39 oz (11.1 gm)



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IMI Sensors, a division of PCB Piezotronics, Inc. manufactures industrial vibration monitoring instrumentation, such as accelerometers, vibration transmitters and switches that feature rugged stainless steel housings and survive in harsh environments like paper and steel mills, mines, gas turbines, water treatment facilities and power plants. Integrating with portable analyzers and PLC's, IMI instrumentation helps maintenance departments reduce downtime and protect critical machinery. Visit IMI Sensors at [www.pcb.com](http://www.pcb.com). PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corporation. Additional information on MTS can be found at [www.mts.com](http://www.mts.com).

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IMI-CBL-SafetyConnector-0919



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