The MiniSense 100NM is a low-cost cantilever-type vibration sensor offering moderate sensitivity over a useful frequency band up to 200 Hz.

Sensor Type: Element
Features: Laminated, Strips

Pins are designed for easy installation and are solderable. Horizontal and vertical mounting options are offered.

The active sensor area is shielded for improved RFI/EMI rejection. Rugged, flexible PVDF sensing element withstands high shock overload. This sensor has excellent linearity and dynamic range, and may be used for detecting either continuous vibration or impacts.

**BENEFITS**
- High sensitivity
- Higher resonant frequency
- Solderable
- Shielded
- Rugged
- Withstands high shock

**Features**

<table>
<thead>
<tr>
<th>Product Type Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensor Type</td>
</tr>
<tr>
<td>Features</td>
</tr>
</tbody>
</table>

SEE PRODUCTS ON NEXT PAGE
HIGH SENSITIVITY VIBRATION SENSOR

TE Model #: MINISENSE
TE Internal #: CAT-PF50011

Products (1 of 1)

<table>
<thead>
<tr>
<th>TE Model / Part #</th>
<th>LDTC Horizontal No Mass</th>
<th>LDTC-H, Reduced Height</th>
<th>LDTC - Vertical</th>
<th>LDTC - Horizontal</th>
</tr>
</thead>
<tbody>
<tr>
<td>1007158-1</td>
<td>1006015-1</td>
<td>1005940-1</td>
<td>1005939-1</td>
<td></td>
</tr>
</tbody>
</table>

EU RoHS Directive 2011/65/EU
- EU RoHS Compliant
- EU RoHS Compliant
- EU RoHS Compliant
- EU RoHS Compliant

EU ELV Directive 2000/53/EC
- EU ELV Compliant
- Not Yet Reviewed for EU ELV
- EU ELV Compliant
- EU ELV Compliant

Product Families
- MEAS
- MEAS
- MEAS
- MEAS

Series
- MEAS Minisense
- MEAS Minisense
- MEAS Minisense
- MEAS Minisense

*EU RoHS Directive 2011/65/EU
These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as ‘Compliant’ do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

**EU ELV Directive 2000/53/EC
These products comply with the substance restrictions of the End of Life Vehicles Directive 2000/53/EC (ELV). The ELV Directive requires that materials and components of vehicles do not contain mercury, cadmium, hexavalent chromium, and lead above defined thresholds. Products indicated as ‘Compliant’ do not contain any of these substances above the prohibition thresholds.
Related Materials

**Data Sheet**
Piezo_Minisense_100-NM

Also in the Series | MEAS Minisense