SPECIFICATIONS

- **Sensitivity, ±10%, 25°C**: 100 mV/in/sec
- **Velocity range**: 50 in/sec peak
- **Amplitude nonlinearity**: 1%
- **Frequency response**:
  - ±10%
  - ±3 dB
  - 2.0 - 3,500 Hz
  - 1.6 - 7,000 Hz
- **Resonance frequency**: 18 kHz
- **Transverse sensitivity, max**: 5% of axial
- **Temperature response**:
  - −50°C
  - +120°C
  - −15%
  - +10%
- **Power requirement**:
  - Voltage source: 18 - 30 VDC
  - Current regulating diode: 2 - 10 mA
- **Electrical noise, equiv. in/sec**:
  - Broadband: 2.5 Hz to 25 kHz
  - Spectral: 10 Hz
  - 100 μin/sec
  - 10 μin/sec/√Hz
  - 100 Hz
  - 0.8 μin/sec/√Hz
  - 1,000 Hz
  - 0.1 μin/sec/√Hz
- **Output impedance, 4-20 mA supply**: the greater of: 200 Ω or 5,000/μA
- **Bias output voltage**: 10 VDC
- **Grounding**: case isolated, internally shielded
- **Temperature range**: −50° to +120°C
- **Vibration limit**: 250 g peak
- **Shock limit**: 2,500 g peak
- **Electromagnetic sensitivity, equiv. in/sec**: 50 μin/sec/gauss
- **Sealing**: hermetic
- **Base strain sensitivity**: 0.004 in/sec/μstrain
- **Sensing element design**: PZT ceramic / shear
- **Weight**: 148 grams
- **Case material**: 316L stainless steel
- **Mounting**: 1/4-28 captive socket head screw
- **Output connector**: 2 pin, MIL-C-5015 style
- **Mating connector**: R6 type
- **Recommended cabling**: J9T2A

Accessories supplied: #12105-01 captive socket head (metric mounting available); calibration data (level 3)

Key features:
- Certified version available for use in hazardous areas (model 797VE)
- Manufactured in ISO 9001 facility

Connections

<table>
<thead>
<tr>
<th>Function</th>
<th>Connector pin</th>
</tr>
</thead>
<tbody>
<tr>
<td>power/signal</td>
<td>A</td>
</tr>
<tr>
<td>common</td>
<td>B</td>
</tr>
<tr>
<td>ground</td>
<td>shell</td>
</tr>
</tbody>
</table>

Notes:
- Due to continuous process improvement, specifications are subject to change without notice.
- This document is cleared for public release.

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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