Ultra-compact, very low mass, charge-output, side-entry accelerometer with microdot connector. Ideal for R&D and high frequency applications.

MTN/P05

Applications
- Research and development
- Impact Hammers

Technical
- Charge Sensitivity: 5 pC/g +/-10%
- Capacitance: 300 pF (nominal)
- Transverse Sensitivity: Less than 5%
- Frequency Range: 1Hz to 30kHz (dependant on charge amplifier)
- Temperature Range: -55 to 250°C
- Mounted Base: 45 kHz (nominal)
- Amplitude Linearity: +/-5%
- Acceleration Range: +/-2,000 g
- Case Material: Stainless Steel
- Connector: Microdot
- Weight: 7 gms (nominal)
- Mounting: 10-32 UNF male
- Sealing: IP65
- Torque: 3 Nm
- Charge amplifier: MTN/CA003

Dimensions
Mounting Adaptors and Studs

Mounting Adaptors

<table>
<thead>
<tr>
<th>Part #</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS057</td>
<td>10-32 UNF Female</td>
<td>10-32 UNF Female</td>
</tr>
</tbody>
</table>

Grub Screws and Studs

<table>
<thead>
<tr>
<th>Part #</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS024</td>
<td>10-32 UNF</td>
<td>10-32 UNF</td>
</tr>
<tr>
<td>MS039</td>
<td>10-32 UNF</td>
<td>¼&quot;-28 UNF</td>
</tr>
</tbody>
</table>

Order Code Part No  | Mounting
---                 | ---
MTN/P05            | 10-32 UNF Male
MTN/P05F           | 10-32 UNF Female
MTN/P05G           | Glue Base
MTN/P05M6          | M6 Male

System Connection

Charge Amplifier

Constant Current

Source Circuit

0.5 - 8.0 mA

Current Diode

0 Volts

Volts Out

A.C.

+18 to 30 Volts

0 Volts

Centre Pin

Case