CMCP422VTS-C Series
Loop Powered 4-20mA Velocity Sensor, Side Exit 2 Pin MS 5015

Features:
- Loop Powered 4-20mA Output
- Velocity RMS or Peak
- Side Exit 2 Pin MS 5015 Connector
- Low Profile
- Interfaces Directly to PLC/DCS System
- Two Different Ranges Available
- 10Hz to 1kHz ISO Filtering (600 CPM to 60k CPM)
- -13 to 194°F (-25 to 90°C) Temperature Range
- Sealed to IP68

Typical Applications

Technical Performance
- Mounted Base Resonance: 5 kHz Min.
- Ranges: See Ordering Information Below
- Frequency Response: 10 Hz to 1 kHz ± 5%
  600 CPM to 60k CPM
  ISO 10816
- Isolation: Base Isolated
- Measurement Range: 50g peak
- Transverse Sensitivity: Less than 5% with Faraday Cage

Electrical
- Output Current: 4-20mA DC Proportional to RMS or Peak Velocity
- Supply Voltage: 15 to 30 VDC
- Settling Time: 2 Seconds
- Output Impedance: Loop Resistance 600 Ohms Max @ 24VDC
- Case Isolation: >10⁸ Ohms at 500 Volts

Environmental
- Operating Temperature Range: -13 to 194°F (25 to 90°C)
- Sealing: IP68
- Maximum Shock: 5000 g

Mechanical
- Case Material: Stainless Steel
- Sensing Element: PZT/Compression Type
- Mounting Torque: 5.9 ft. lbs (8Nm)
- Weight: 6.5 Oz (185g)
- Mounting: 1/4”-28 Captive Bolt (Supplied with Sensor)
- Mating Connector: 2 Pin MIL 5015 MS Connector
Dimensions

![Dimensions Diagram]

Typical Frequency Response

![Typical Frequency Response Graph]

Ordering Information:

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMCP422VTS-01</td>
<td>1.00 In/Sec Full Scale (25.4mm/Sec)</td>
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<tr>
<td>CMCP422VTS-02</td>
<td>2.00 In/Sec Full Scale (50.8mm/Sec)</td>
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<tr>
<td>CMCP422VTS-R</td>
<td>RMS Detection</td>
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<tr>
<td>CMCP422VTS-P</td>
<td>Peak Detection</td>
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<tr>
<td>CMCP422VTS-C</td>
<td>2 Pin MS 5015 Connector</td>
</tr>
<tr>
<td>CMCP422VTS-M12</td>
<td>M12 Eurofast Connector</td>
</tr>
<tr>
<td>CMCP422VTS-I</td>
<td>Integral Braided Armor Cable (5 meters)</td>
</tr>
</tbody>
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Similar Products:

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<tr>
<td>CMCP422VTS-XX-X-I</td>
<td>Integral Armored Cable</td>
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