CMCP422ATS-M12 Series
Loop Powered 4-20mA Acceleration Sensor, Side Exit M12 Connector

Features:
- Loop Powered 4-20mA Output
- Acceleration RMS or Peak
- Side Exit 4 Pin M12 Eurofast Connector
- Interfaces Directly to PLC/DCS System
- Two Different Ranges Available
- 10Hz to 5kHz (600 CPM to 300k CPM)
- -13 to 194°F (25 to 90°C) Temperature Range
- Sealed to IP68

Typical Applications

Technical Performance
Mounted Base Resonance: 10 kHz Min.
Ranges: See Ordering Information Below
Frequency Response:
10 Hz to 5 kHz ± 5%
600 CPM to 300k CPM
ISO 10816
Isolation: Base Isolated with Faraday Cage
Transverse Sensitivity: Less than 5%

Electrical
Output Current: 4-20mA DC Proportional to RMS or Peak Acceleration (g)
Supply Voltage: 15 to 30 VDC
Settling Time: 2 Seconds
Output Impedance: Loop Resistance 600 Ohms Max @ 24VDC
Case Isolation: >10^8 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: 4 Pin M12 Cordset
Dimensions

Typical Frequency Response

Ordering Information:

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<th>Description</th>
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<td>1 g Full Scale</td>
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<td>-02</td>
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<td>2 g’s Full Scale</td>
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<td>5 g’s Full Scale</td>
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<td>RMS Detection</td>
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<td>2 Pin MS 5015 Connector</td>
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<td>Integral Braided Armor Cable</td>
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Similar Products:

CMCP422ATS-XX-X-I
Integral Armored Cable

CMCP422ATS-XX-X-C
2 Pin MS 5015 Connector