

Condition Monitoring Custom Products

## CMCP1000C Dual Limit Single Channel Vibration Monitor

### Features

- **Solid State Reliability**
- **Integral Sensor**
- **Two Levels of Alarm with Relays**
- **True "OK" Circuitry with Relay**
- **Adjustable Time Delays**
- **Trip Multiply**
- **4-20mA Output**
- **Bright LED Digital Readout**



### Description

The CMCP1000C is a single channel Vibration Monitor with an integral accelerometer packaged in an explosion-proof housing that is suitable for NEC Division I hazardous areas. Designed to comply with rigid API670 standards, the CMCP1000C far exceeds the capabilities of competitive vibration switches.

In addition to the key features listed above, the CMCP1000C offers a buffered transducer output for detailed diagnostics and optional high-pass and low-pass filters to monitor specific frequency bands.

### Specifications

Power: +24 Vdc at 90mA maximum  
 Frequency Response: 2 Hz to 2KHz  
 Analog Outputs: 4-20mA proportional to full scale  
 Accuracy: 0.5% of full scale range  
 Maximum Load: 600 Ohms resistive  
 Operating Temperature: -20° C to +80° C  
 Relative Humidity: 0-95%, non-condensing  
 Dimensions: 6-7/8" W x 6-7/8" H x 5-15/16" D  
 Mounting: 2 Bolt Mount (Standard) 5/16" NPT  
 Approvals: FM, CSA, UL  
 Class I (BCD), Class II (E,F,G) Class III



### Ordering Information:

CMCP1000C	-XX	-XX	-XX	Description
	01			0-1 in/sec RMS
	02			0-2 in/sec RMS
	25			0-25.4 mm/sec RMS
	50			0-50.8 mm/sec RMS
		00		Non Latching
		01		Local External Reset Button (Latching)
			01	Without Internal Power Supply
			02	With Internal Power Supply

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