



CMCP1000 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**
- **Remote Reset**
- **Bright LED Digital Readout**



Description

The CMCP1000 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 CMCP1000 far exceeds the capabilities of competitive vibration switches.

In addition to the key features listed above, the CMCP1000 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: 4 Hz to 5KHz
 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: 5 7/16" W x 5 5/8" H x 5 5/8" D
 (138mm x 143mm x 143mm)
 Mounting: 3 Bolt Mount (Standard) 3/4" NPT (Optional)
 Approvals: FM, CSA, UL
 Class I (BCD), Class II (E,F,G) Class III

Ordering Information:

CMCP1000	-XXX	-XX	-XX	Description
	001			0-1 in/sec Peak
	002			0-2 in/sec Peak
	025			0-25 mm/sec Peak
	050			0-50 mm/sec Peak
		00		Standard Mount
		01		3/4" NPT Stud Mounting Adapter
			00	Non Latching
			01	Local External Reset Button