

CMCP420AD8 A/D Converter with MODBUS

Features:

- 8 Channels
- 16 Bit A/D
- RS485 MODBUS RTU or AS-CII
- Dynamic Signal Output
- Interface to PLC or DCS

The CMCP420AD8 is a packaged A/D converter available with MODBUS RTU communications. The unit will accept the 4-20 mA signals from up to eight CMCP420VT loop powered vibration transmitters.

The CMCP420AD8 is a cost effective method of utilizing existing networks within a plant to cost effectively communicate with a PLC or DCS.

Utilizing a plants PLC or DCS allows a Plant Operator to view vibration data in the control room and compare these values to other operating parameters. The Operator can then make intelligent machine operating decisions.

The CMCP420AD8 can communicate 3 kilometers using standard RS485 protocol. Isolated communications ensures high reliability.

The system is designed for easy wiring, and comes with a universal power supply accepting 100 to 250 Vac and either 50 or 60 Hz.

Dynamic Output:

The CMCP420VT provides the dynamic signal output via a BNC connector with a channel selector switch. Should the PLC or DCS detect an increasing vibration trend or an Alarm set-point be exceeded, a technician may interface a portable analyzer such as a Microlog to view and capture dynamic data for detailed analy-



CMCP420AD8-FG shown with (8) CMCP420VT Loop Powered Transmitters.

Ordering Information:

Part No.	-XX	-XX	Description
CMCP420AD8	FG		Fiberglass Enclosure
	PS		Powder Coated Steel Enclosure
	SS		Stainless Steel Enclosure

Part No.	Description
CMCP-RM-232-SETUP	Setup Module

Part No.	-XX	-XX	-XX	Loop Powered Transmitter
CMCP420VT	01			0-1 in/sec RMS
	02			0-2 in/sec RMS
	03			0-25 mm/sec RMS
	04			0-50 mm/sec RMS
		00		1/4-28 (M8) Standard Stud
		01		1/2" NPT Stud Mount Adapter
		02		3/4" NPT Stud Mount Adapter
			00	Without LED Display
			01	With LED Display & BNC
			02	With BNC Adaptor