Condition Monitoring Custom Products

CMCP797
Active Signal Buffer

CE

- **4 Active Buffer Outputs w/Single Input**
- **Accelerometer or Eddy Probe Signal**
- **Powered by +24 or –24 VDC**
- **Will Power Accelerometer with Internal CCD**
- **DC Coupled (Bias or Gap is Passed to Outputs)**
- **Power "On" LED**
- **Din Rail Mounted**
- **Front Terminal or TBus® Power Wiring**
- **Universal Input (Including Eddy Probes)**

The CMCP-797 Active Signal Buffer with a Single Input and four (4) Active Buffered Outputs accepts either a Accelerometer Input or Eddy (Proximity) Probe Input. It is powered with either +24 VDC for Accelerometers or –24 VDC for Eddy (Proximity) Probes. The CMCP-797 has a jumper selectable CCD (Constant Current Diode) if powering of the Accelerometers is required. A front panel BNC connector is provided for portable data collectors and analyzers and is shared with Channel 4.

The CMCP-797 is applied when a vibration signal needs to be shared with multiple devices. The CMCP-797 provides active buffering so that a failure in one device or its associated wiring will not affect the signal to the other devices.

Mounting:
32 mm (G-style) or 35 mm (T-style) Din Rail.

Specifications:

Accuracy:	.1% Basic DC and AC.
Input:	Single +24VDC ICP® Accelerometer (4 mA constant current power provided) or –24VDC powered Eddy (Proximity) Probe System.
Outputs:	Four (4) Active Buffered Outputs Front Panel BNC connector (Auxiliary connection for Channel (4) Output) Green Power "On" LED
Power:	+24VDC for ICP type Sensors. 20mA max. -24VDC for Eddy (Proximity) Systems Connections via Front Terminal or Din Rail Tbus® Connection
Mounting:	Din Rail (35mm Standard)
Dimensions:	3.9" H x 0.89" W x 4.18" D (99 x 22.5 x 106 mm)
Jumpers:	E1 and E2 Select Input Type: ICP Accelerometer or Eddy probe System (+24 VDC or –24VDC) E3 Selects Accelerometer Powering (CCD) Off/On

Warning: Both E1 and E2 must be selected to the same signal type. Damage to the unit will result if both +24 and –24 VDC are selected.