

CTC AppNotes

A series of technical documents written by members of the CTC community

Dual Output Ability added to CTC MVR1000 Series Enclosures

Frequently an analyst will encounter a location where continuous monitoring of both temperature and vibration at one point on a route is required to provide proper machine protection.



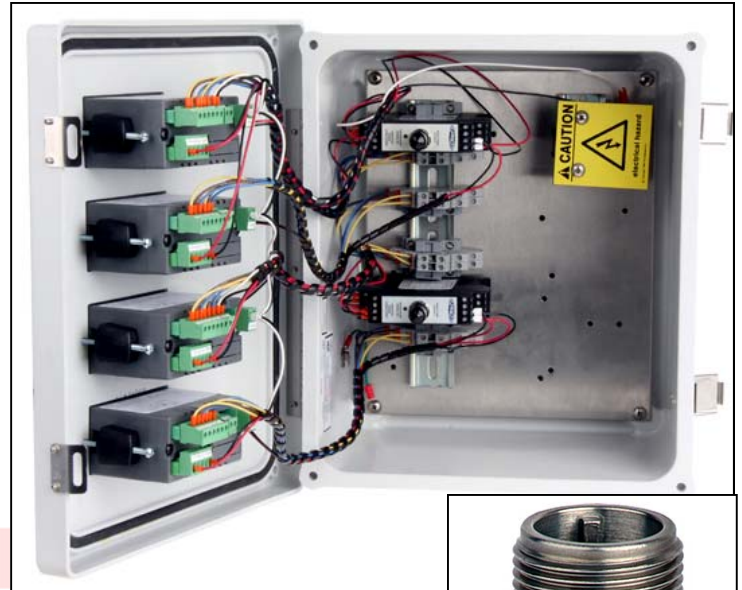
Fully scalable displays

The MVR1000 dual output enclosures are fully scalable, enabling the analyst or employee to display values in locally relevant units. Internationally one would expect to display temperature in Celsius or Centigrade, whereas in the USA, the temperature would be able to be displayed in Fahrenheit. Similarly for the vibration signal, velocity and displacement can be scaled to display either in English or metric units.

MVR 1000-2S-D0-AA enclosure displaying 2 channels of displacement and temperature in degrees Celsius.

Ease of use

Internally the MVR1000 is designed for easy installation. Simply bring AC power to the power termination block and land the sensor wires to the sensor termination blocks and the unit is ready to be programmed. Standard ISO configuration is included in the cost of the enclosure.



Inside the MVR1000 enclosure—Terminal blocks provide a convenient landing spot for sensor inputs.

sure. If the standard configuration is chosen the Vibration displays will be set to display vibration in IPS RMS with a full scale range of 2 IPS. Temperature will be displayed in degrees Celsius. Note that temperature sensors require approximately 1 hour to reach saturation.

MVR1000-02-D0 series enclosures can be obtained from our website, www.ctconline.com.

If you have any questions or for further information please contact CTC directly via Email at dgripe@ctconline.com or jsmith@ctconline.com or feel free to call 1-800-999-5290 in the US and Canada or +1-585-924-5900 internationally.



TA100 series sensors provide the data for the Dual output MVR100 enclosure.

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If any CTC vibration analysis hardware product should ever fail, we will repair or replace it at no charge.