

RMC200 Motion Controller Expands I/O Options

Battle Ground, Washington – March 23, 2018 -- Delta Computer Systems, Inc. (www.deltamotion.com) announces its new high-density 8-channel Voltage Output Module (CV8) for use with the RMC200. The RMC200 is the latest and most advanced of Delta's closed-loop electro-hydraulic motion controllers, capable of directing up to 32 axes. This new add-on module allows for configurations that handle more axes while consuming less panel space. Alternately, its high functional integration can free up slots on the backplane for additional functionality, such as data acquisition.

The CV8 Module features eight voltage outputs suitable for controlling an actuator, as well as eight discrete input/output connections for general-purpose control or data acquisition functions. The CV8 outputs are $\pm 10V$ at 5mA, and can be user-configured to custom ranges, such as 0-5 V, $\pm 5V$, and 0-10 V enabling direct connection to a wide array of hydraulic valves. The eight discrete I/O points offer the versatility to be individually configured as either general purpose inputs or outputs, Fault Inputs, or Enable Outputs. These settings are easily changed with the same RMCTools software used for the entire Delta RMC Motion Controller family.

The release of the CV8 follows shortly after the release of the B5 backplane Base Module. The B5 is an excellent complement to the CV8, offering users a more compact RMC200 solution in applications requiring lower axis counts. The B5 has five positions for mounting the CPU, a 35 Watt power supply, and up to three I/O modules of the user's choice. This configuration allows the RMC200 to control up to eight position control axes in a smaller physical footprint. Other Base modules allow for control of up to 32 axes.



RMC200 CV8 Voltage I/O Module

The RMC200 extends the capabilities of the previous generations of Delta's RMC Motion Controllers, offering from 1 to 32 axes of closed-loop motion control. By adding the CV8 and B5 modules, the RMC200 provides even greater flexibility and scalability, enabling the controller to be precisely matched to the intended machine design. And like all RMC motion controllers, the RMC200 can be configured to provide dual-loop support--smoothly transitioning between position/velocity/acceleration and pressure/force/torque control. Bringing these capabilities to up to 32 axes makes the RMC200 Delta's most capable and flexible electro-hydraulic motion controller offering.

About Delta: For more than 35 years, Delta has supplied motion controllers and other industrial products that enable better performing machines. Delta's RMC Motion Controllers are used for hydraulic, pneumatic and electric closed-loop control in a wide array of single and multi-axis control and testing applications. For more information contact Delta Computer Systems, Inc., at (360)254-8688, or email technicalsales@deltamotion.com.