Electromechanical Automation Sales Bulletin

Bulletin #   SB691
Date: **Wednesday, February 22, 2006**
To: All Master Price List Holders
Product: EDC100 and TDC100 controllers
Subject: EDC100 and EDC100 product obsolescence

Description

Parker Hannifin provided the EDC100 (445115-04) and TDC100 (429577-04) servo controllers. These products were sold by MTS - Custom Servo Motors. The controllers were single axis only, capable of using the feedback of an encoder (EDC) or a Temposonics® transducer (TDC). Due to component availability, the EDC100 and TDC100 single axis controllers will be obsolete as of February 23, 2006.

Replacement

The EDC100 and TDC100 will be replaced with the EDC200 (445114-04) and the TDC200 (429576-04). These products are basically the same controllers, but they are a two axis controller.

Keep in mind also of the possibility of replacing these controllers with newer Parker technology, such as an ACR9000 controller, Aries, or Compax3 drives.

Changes in programming and configuration

If an EDC100 or TDC100 is replaced with an EDC200 or TDC200, there are a few differences to be aware of:
1) First of all, there is an extra axis of control, or this second axis can be used as a ratio input.
2) If only the first axis of control is being used (X axis), the second axis (Y axis) must be set to NULL. This is done via the menu item named CALIB (calibrate).
    Set the TYPE AXIS X to ACTIVE, and set the TYPE AXIS Y to NULL.
3) Even though the Y axis is set to NULL, the Y axis limits must be disabled.
    This is done by connecting the Y+ and Y- limits (J8 – 11 and J8-12) to Lim/Enab Gnd (J7-10).

Please refer to the link http://www.parkermotion.com/new_ulm/manuals_download.htm for more product information. Select either the EDC or the TDC Users Guide Version 4.0.

List Prices

Part Number	Description	List Price
445114-04	EDC200 Controller	$2910
429576-04	TDC200 Controller	$3210

If you have any questions, please contact:
- Technical Assistance, Applications Engineering Department (e-mail: emn_support@parker.com or call 800-358-9070 North America, 707-584-7558 International)