PRODUCT & APPLICATION UPDATE

altronic®

A MONTHLY TECHNICAL PUBLICATION FOR SENIOR SERVICE PERSONNEL

May, 2008

Warranty & Repair returns of "Systems"

If two or more items (i.e., **CPU-95**, **CPU-2000** or **DE-3000**) from one installation fail, it is preferred that they be returned as a **"system"**, all on one warranty claim. This will allow us to test and diagnose the items together, which can provide clues to the nature of the problem. We have had a few recent situations where the system pieces were returned on individual claims and they were processed separately. Had the items been processed as a system the diagnosis would have been quicker and more accurate.

AGV5 Calibration of the Position Sensor and 4-20mA Output

The calibration of the **AGV5** position sensor is critical to ensure that the unit does not draw excessive power when fully open (unit is fully open at **20mA**). Calibration is done at the factory, but if the circuit board is ever removed (sometimes unnecessarily done to feed wires into the device when the **MS** connector adapter is not used), this calibration is lost and must be re-calibrated. The procedure is covered in **SECTION 3.5 (PAGE 14)** of the **AGV5 Service Manual**. Be sure to use the connection diagram from this manual, obtained from the Altronic website (corrected on the website) as there was an erroneous connection in the printed document. **"FIG. 2, Test Stand Wiring Diagram, AGV5"** on the next page shows the correct **RS-485 "+"** and **"-"** connections, which were previously inverted in the original printing.

PCB removal on the **AGV5** should be avoided to simply route wires into the device! The use of the **MS** connector adapter will also preclude the user (or installer) from accidentally throwing the unit out of calibration due to **PCB** removal.

Fig. 2 Test Stand Wiring Diagram, AGV5