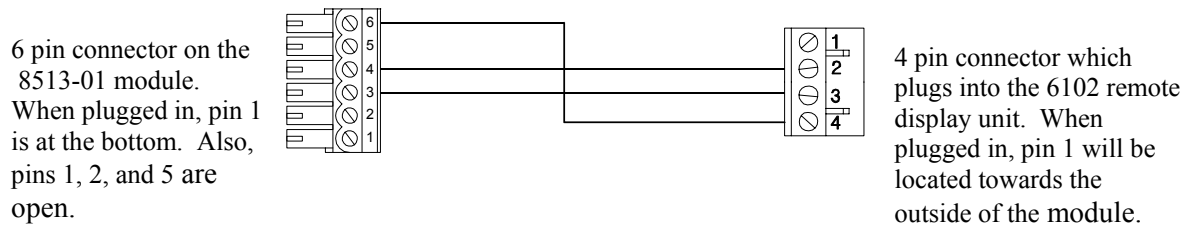The 8513-01 is an option to the standard 8513 module, and adds the ability to remotely display the module's position or velocity data on an AMCI 6102 remote display unit. All of the 8513-01 module's programming and functions are the same as the standard 8513 module.

The 8513-01 has an additional 6 pin connector located directly above the 8 pin resolver input connector that is used to output the serial position and velocity data to the 6102 remote display unit.

The following is a wiring diagram shows how to connect the 8513-01 and the 6102 remote display units together.

6 pin connector on the 8513-01 module. When plugged in, pin 1 is at the bottom. Also, pins 1, 2, and 5 are open.

4 pin connector which plugs into the 6102 remote display unit. When plugged in, pin 1 will be located towards the outside of the module.

Even though the 8513-01 unit outputs both position and velocity data, the remote display unit does not display both data types at the same time. The 6102 remote display unit has a button labeled POS/TACH. Pressing it will cause the display to switch between either the position or the velocity data. Also, the 6102 will continue to show the last valid data it received if it is disconnected from the 8513-01 module. It does not display any error messages.

File: 8513-01.doc
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