

The 8511-09 module is a standard 8511 module that operates in “Slave Mode.” While operating in slave mode, the 8511-09 module receives its resolver signals from another “Master” resolver module. There are two steps for operating the 8511-09 in slave mode.

1. The jumper strap must be removed from the JP2 header. This operation has been performed at the factory.
2. The module must be configured to operate in Slave Mode at every power up. This is accomplished by setting bit 10 in setup word 0 (M0:X.0/10 where X is the slot number) when the setup data is sent to the module.

Until the module is configured for Slave Mode, the module’s green LED will be off, the red LED will be on solid, and the Module Fault bit 6 (I:X.0/6 where X is the slot number) will be set in the input image table.

Please note that an 8511-09 module operating in Slave Mode decodes the resolver’s absolute position data. The Scale Factor and any Offsets that have been programmed into the Master resolver module do not affect the 8511-09’s position data.

All of the 8511-09 modules remaining functions are the same as those on a standard 8511 module.