

MDrive Speed Control firmware change summaries

Version 3.0.05 to 3.0.06

- Fixed data integrity checks on startup.
- Fixed problem with analog input, with center set, not changing direction.

Version 3.0.04 to 3.0.05

- Fixed the saving of user data, especially when the data sector gets full and has to change to the next sector.

Version 3.0.03 to 3.0.04

- Updated copyright dates.
- Added default settings for PWM ADC.
- Changed default PWMMSK to 0xCC.
- Fixed Selecting Speed 1 or Speed 2 so that FET settings remain the same when switching between speeds.
- Fixed A2D vs. VELOCITY range. Now takes VI into account.
- Added debounce to DIR and SPD SEL inputs. Uses same setting as for the Strt/Stop Sw. In the GUI it is called "Sw. Input Debounce"
- Removed restriction of no direction change after direction change started.
- Fixed Selecting A1 or A2 in Filter_AD_Data.
- Set default Input Debounce time to 1 mSec.
- Fixed motion problems when changing Direction and Start/Stop Inputs.

Source: <http://motion.schneider-electric.com/downloads/firmware.html#>