DISPLAYING RPM ON THE DISPLAY OF THE ACS250

Description:
There has been some confusion on getting the drive to read out in RPM instead of the default of Hz. The User's Manual for the ACS250 says that putting the value for the motor's RPM into parameter 9908 MOTOR RATED SPEED will make the display read out in RPM. It turns out that there is a bit more to this, though.

Solution:
You do have to put the motor speed in 9908, but then once you are back to the main screen it will still display the speed in Hz until you toggle with the center blue arrow button. There are now 3 screens to toggle through, Hz, RPM and Amps. (With 9808 set to 0 there are only 2 screens, Hz and Amps.)

It is also possible to display the rpm with a multiplication factor by modifying parameter 3400. If you have a non-zero value in parameter 3400 there will now be a fourth screen that will show your scaled value.

Note that in addition to adding the possibility to read out in RPM, entering the value for the motor RPM also enables the Slip Compensation Function. With the default value of 0 RPM Slip Compensation is disabled.