

Program Prog-1001 - Single turn zero position adjustment with H2 encoder
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We presume the motor always move in position range 0..1599 and don't move above 1600 or below 0.

- Activate the function that initialize both P_IST and Enc_Pos to AbsEncPos at startup (set bit 10 in Reg124).
 - Move physical the shaft to the right position for zero position.
 - Set P8 = AbsEncPos (Reg. 46). Use program "Set-P8.mac".
 - Save registers in Flash (Make a "Save in flash")
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- After every start up in the program:
(Use program "Set zero position.mac" and add your own application after this part.
- $P_IST = P_IST - P8$.
 - If $P_IST < 0$ then $P_IST = P_IST + 1600$ (Make the position positive in range 0..1599)
 - $Enc_Pos = P_IST$
 - ...start operation...