
Program Name: SD_Position_Move (One Axis)
Program Description: This program commands a ClearPath-SD motor to move back and forth (reciprocate) indefinitely.
Motor Required: One ClearPath-SD (Step & Direction) motor connected to ClearLink at connector M-0.
Software Used: Studio 5000 Logix Designer (Version 32.02.00 was used to create this routine).
Controller Used: Allen-Bradley CompactLogix Controller / Model #: 1769-L16ER-BB1B was used to create this example.

BEFORE RUNNING THIS EXAMPLE, your ClearPath-SD motor must first be configured in MSP (ClearPath Motor Setup Program). See the ClearLink Software Object Data Reference for motor setup and configuration instructions: https://www.teknic.com/files/downloads/clearlink_ethernet-ip_object_reference.pdf.

IMPORTANT FAILURE TO PROPERLY TUNE AND CONFIGURE YOUR CLEARPATH MOTOR BEFORE USE MAY RESULT IN UNEXPECTED MOTION, OR NO MOTION.

*****BEGIN RUNG COMMENTS*****

• Enable Motor 0. CAUTION: Enabled motors can output torque and move in response to motion commands.







