

Recommended Assessment

Hardware Interfacing

1. What do you notice about the encoder measurement when the controller is restarted?
2. Briefly explain your procedure to determine the encoder counts for a full rotation and validate that this matches the specifications given in the Qube-Servo 3 User Manual.
3. What gain did you use to convert the encoder counts to an angle measurement in degrees? What would the gain be for a conversion to radians?
4. In what direction does the disc rotate (clockwise or counterclockwise) when a positive input is applied?