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Servo Motor Controller



Pointing the Way to Solutions!



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CONTROLLER CONNECTION R/C Control Method



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CONTROLLER CONNECTION Manual Servo control with Feedback Method

Connect a feedback potentiometer to the 3-way terminal block. The feedback potentiometer must be physically driven by the mechanism you are controlling and should incorporate a slip coupling in case of over travel. The servo will give approximately 300 degrees of control depending on the type of feedback potentiometer you use- if this is less or more than you require, you will need to include appropriate gearing into your equipment to give this amount of rotation. Linear potentiometers may also be used.

Before connecting the motor supply, bare in mind you have a 50/50 chance of having the motor connections reversed. Make sure you can disconnect the motor power quickly!Switch on the power supplies to the controller. The motor should start to hum and rotate until the feedback potentiometer value matches the set point. If the motor continues to move or judder, switch off the power and reverse the motor connections. If the motor does not respond, make sure you have nothing connected across the Limit terminals.



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