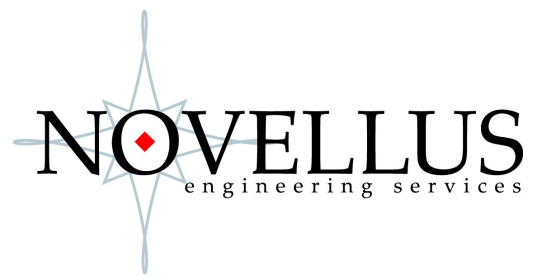


PWM Throttle Control



Description:

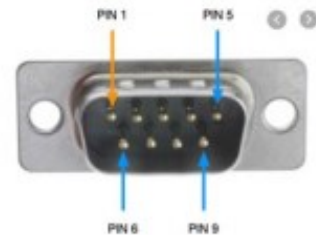
This controller is converter that generates a PWM output that is proportional to the analog input (0-5V, 5-95%Duty cycle). The base PWM frequency is 120 Hz, but is customizable to user specifications. Used for any PWM controlled device.

Basic Operation:

The module's input is through a standard DB9 connector. The device processes an analog voltage of 0-5VDC, and converts it to a PWM output of 5-95% duty cycle at a base frequency of 120 Hz. Custom base analog input range and frequency are available upon request.

DB9 Connector Pinouts:

- | | |
|----------------|-----------------|
| (1) NC | (6) GND |
| (2) CAN FD LOW | (7) CAN FD HIGH |
| (3) GND | (8) NC |
| (4) NC | (9)+12V INPUT |
| (5) NC | |



Electrical Specifications:

Signal	Minimum	Typical	Maximum
Input Supply Voltage	+7 VDC	+12.7 VDC	+20 VDC
Input Supply Current		30 mA	100 mA
PWM Output Amplitude		+5VDC	
Duty Cycle	5%		95%

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