

PWM to VW.vi

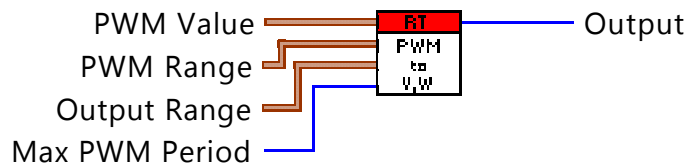
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Connector Pane

PWM to VW.vi



Converts a PWM command to a scaled integer value

Inputs:

- 1x PWM channel
- 1x output range

Outputs:

- Scaled value within the range corresponding with the PWM input

Front Panel

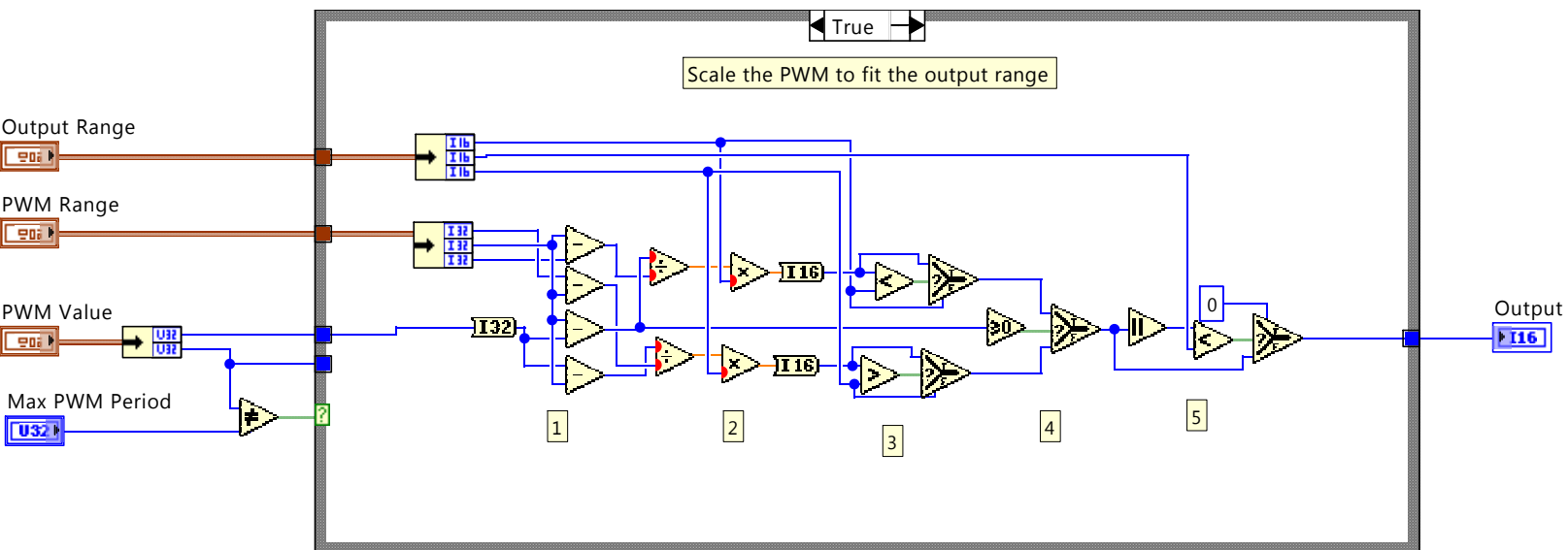
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Block Diagram



1. Find PWM distance from midpoint
2. Scale PWM to fit the output range
3. Limit to the max or min value
4. Select whether to use positive or negative wave
5. Apply the deadband

