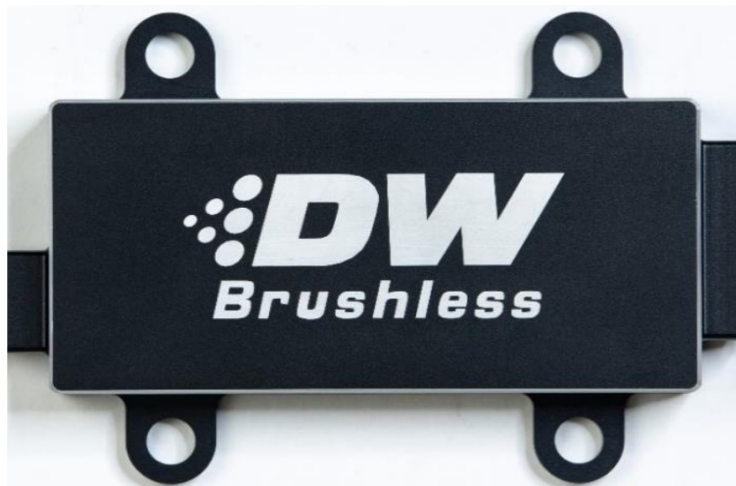




DW C102 Brushless Pump Controller User Manual

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DW C102 Brushless Pump Controller User Manual



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Introduction

The DW Brushless Pump Controller is included with the DW440 and DW650iL fuel pump kits. This controller accepts an 8-22v DC input and creates a digital signal to allow efficient and precise speed and torque control of the pump. The controller is available in 3 configurations: C102 (Dual Speed DW440), C103 (PWM controlled), and C105 (Dual Speed 650iL).

- Optimized for use with the DW brushless pumps
- Variable timing for optimized torque and speed

- Designed for compatibility with voltage boosters
- Bulkhead wiring kit included for in-module retrofit
- Digital thermal protection

Specifications

Weight: 11.8oz (336g)

External Materials: Anodized T6061

36" wiring harness with flexible high temp silicone insulation and 12awg power and ground

Voltage Input: 8 volts min, 24v max Digital thermal protection (105C)

Max Current: 40 amp 4pin high current GM-style bulkhead wiring kit

High load switch/trigger suggested for voltages above 18v

Controller Options Available

PN: C102 – Dual Speed – 68% duty cycle with 100% duty cycle ground switch

PN: C103 – PWM input accepts any frequency from 20Hz to 200kHz (open 0%, ground 100%). Inquire with DW tech support for information on compatibility with your specific OE or aftermarket fuel pump controller.

PN: C105 – Dual Speed – 55% duty cycle with 100% duty cycle ground switch.

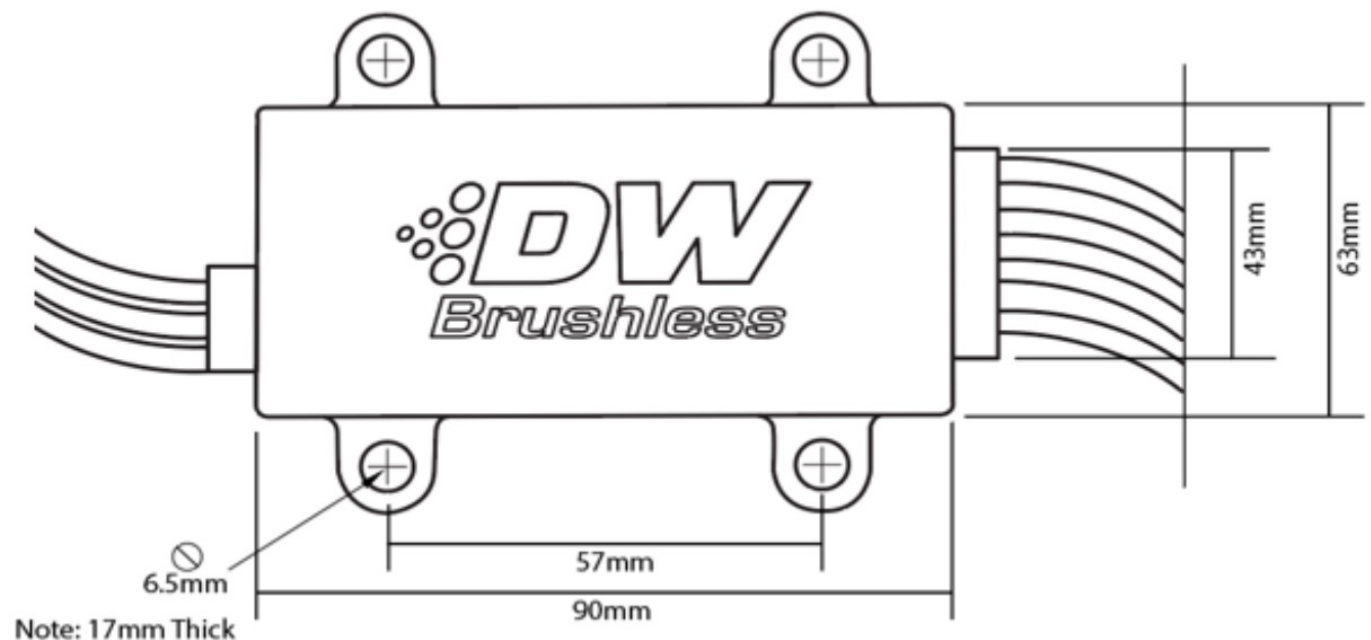
Dimensions

Wiring:

Red: 12V Key On B+ Power

Black: Chassis Ground/Earth

White: High Speed or PWM Input



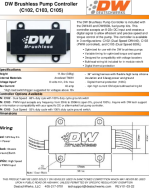
THIS PRODUCT MAY BE USED SOLELY ON VEHICLES USED IN SANCTIONED COMPETITION WHICH MAY NEVER BE USED UPON A PUBLIC ROAD OR HIGHWAY, UNLESS PERMITTED BY SPECIFIC REGULATORY EXEMPTION.

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Documents / Resources

	<p>DW C102 Brushless Pump Controller [pdf] User Manual</p> <p>C102 Brushless Pump Controller, C102, Brushless Pump Controller, C102 Pump Controller, C103, C105</p>
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