

Danntech Process Instrumentation

Danntech

Pulse Width Modulator Control Module

Price: [Call for Pricing](#)

Suitable for customized or specialized control of:

- hydraulic valves
- servomotors
- electrochemical processes

Provides:

- Bipolar or monopolar PWM output.
- Motor speed and direction control.
- Process signal to current and/or power.

Specifications:

Output:

- Bipolar up to ± 26 V up to 2 A, suited to ± 12 V and ± 24 V systems.
- Constant current or voltage control.
- Four quadrant control - DC to 5 kHz.

- Pulse width control from 0 to 100% with resolution of 0.5%.
- Output frequency control from 0 to 5 kHz with resolution 1 Hz.
- Output bridge voltage control from 6 to 26 V.

Protection:

- Digital temperature sensor located close to output power FETs.

Power In:

- DC in 20 to 30 VDC or AC in 15 to 25 VAC.

LEDs:

- 10 segment bi-colour LED bargraph for display of any parameter.
- Three display LEDs on top side with same surface mount LEDs to display LED status on component side.

Analogue Inputs:

- Two analogue inputs (non-isolated) with signal conditioning to accommodate current inputs from 0 to 100 mA (input resistance 100 Ω ;) and voltage inputs 0 to 100 VDC (input resistance >100 k Ω ;).
- Standard inputs are: 0-20 mA, 4-20 mA, 0-10 V.

Digital Inputs:

- One push button input.
- One jumper input.
- One digital input which can also be configured as a digital output.
- Two digital inputs: 0-5 V, 0-12 V or 0-24 V.

Selector Switches:

- Three 10 position rotary switches for parameter selection or programming.

Relay Output:

- One relay output, NO, NC and COM connections provided.

- Rated at 30 V DC at 0.5 A or 110 VAC at 0.5 A.

Clock:

- Real time clock for any timekeeping functions.

- Requires external battery power for clock operation when unit is not powered.

Dimensions:

- 80 x 100 mm (width x height)

- Component height top = 25 mm

- Component height bottom = 10 mm

Mounting:

- Designed for panel mounting with three mounting points.

- Configuration and switch access from the rear.

[Vendor Information](#)