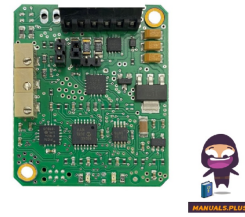


Danfoss KE07206 Ramped Valve Driver



Danfoss KE07206 Ramped Valve Driver Instruction Manual

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Danfoss KE07206 Ramped Valve Driver



Specifications

- **Product:** KE07206 Ramped Valve Driver
- **Issue:** 1
- **Date:** May 1993
- **Supply Voltage:** 24 Vdc
- **PWM Frequency:** 1,000 Hz
- **Output Current:** 200 mA

Product Description

This device is a ramped valve driver that accepts a setpoint potentiometer input from a control handle and drives a dual coil electrical displacement control. It is pulse width modulated and has adjustable acceleration/deceleration ramping. The threshold, full stroke forward, and full stroke reverse outputs are adjustable.

Output Characteristics

- **Supply Voltage:** 24 Vdc
- **PWM Frequency:** 1,000 Hz

- **Output Current:** 200 mA

Adjustments

The device allows for adjustments to the threshold and full stroke settings. Follow the instructions provided in the user manual for precise adjustments.

Product Usage Instructions

Threshold Adjustment

1. Ensure the device is powered off before making any adjustments.
2. Locate the threshold adjustment control on the device.
3. Use a screwdriver to adjust the threshold setting based on your requirements.
4. Power on the device and test the threshold setting by applying input voltages within the specified range.

Full Stroke Adjustment

1. Turn off the device to prevent any accidental changes during adjustment.
2. Locate the full stroke adjustment controls on the device.
3. Carefully adjust the full stroke settings as needed using appropriate tools.
4. After adjustment, power on the device and test the full stroke settings by observing the valve output percentages.

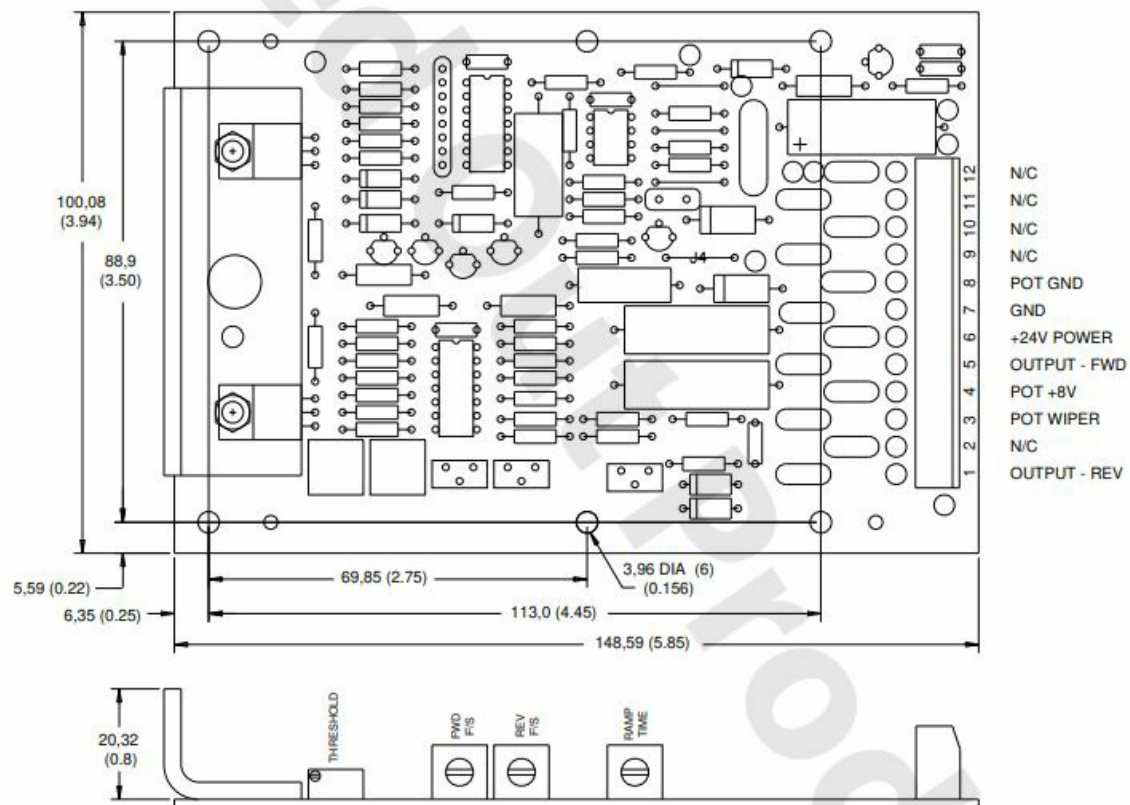
Frequently Asked Questions

- **Q: What should I do if the device does not respond to adjustments?**
 - A: If the device does not respond to adjustments, ensure that the power supply is stable and within the specified voltage range. Check all connections and consult the user manual for troubleshooting steps.
- **Q: Can I use a different power supply voltage with this device?**
 - A: It is recommended to use the specified 24 Vdc supply voltage to ensure proper functionality and avoid damage to the device. Using a different voltage may result in erratic behavior or damage.

GENERAL DESCRIPTION

This device is a ramped valve driver that accepts a setpoint potentiometer input from a control handle and drives a dual coil electrical displacement control. It is pulse width modulated and has adjustable acceleration/deceleration ramping. The threshold, full stroke forward and full stroke reverse outputs are adjustable.

DIMENSION AND CONNECTION DIAGRAM



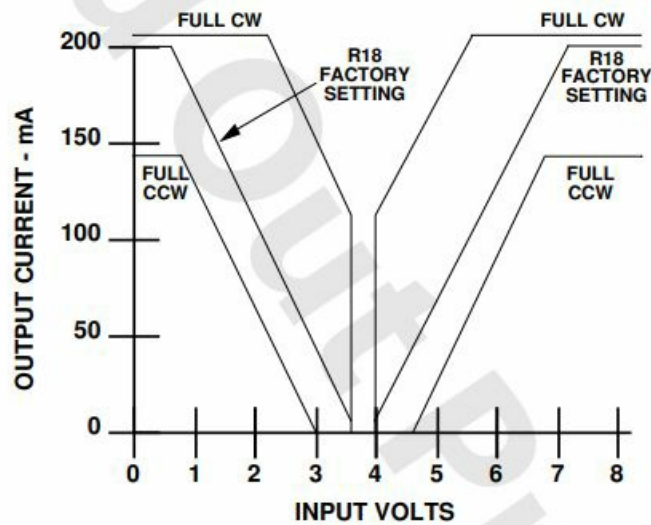
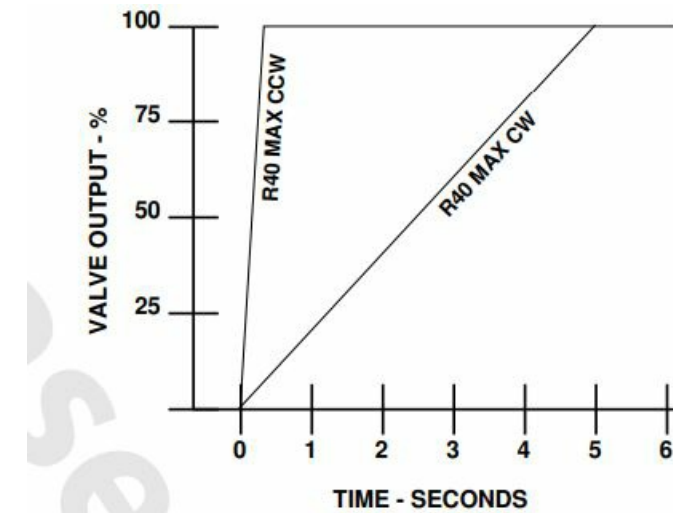
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Dimensions in millimeters (inches).

OUTPUT CHARACTERISTICS

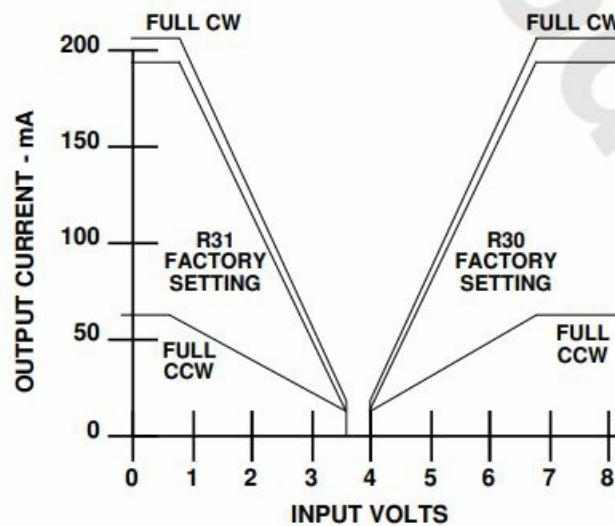
- SUPPLY VOLTAGE
 - 24 Vdc
- PWM FREQUENCY
 - 1,000 Hz
- OUTPUT CURRENT
 - 200 mA
- FACTORY SETTINGS WITH 22 OHM LOAD
 - Threshold: 10 mA
 - Full Stroke 200 mA

ADJUSTMENTS



Threshold adjustment.

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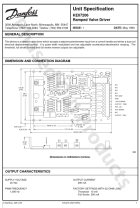
Full stroke adjustment.

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Documents / Resources

	<p>Danfoss KE07206 Ramped Valve Driver [pdf] Instruction Manual KE07206 Ramped Valve Driver, KE07206, Ramped Valve Driver, Valve Driver</p>
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References

- [User Manual](#)

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