

# Danfoss KE04201 Valve Drive Amplifier Instruction Manual

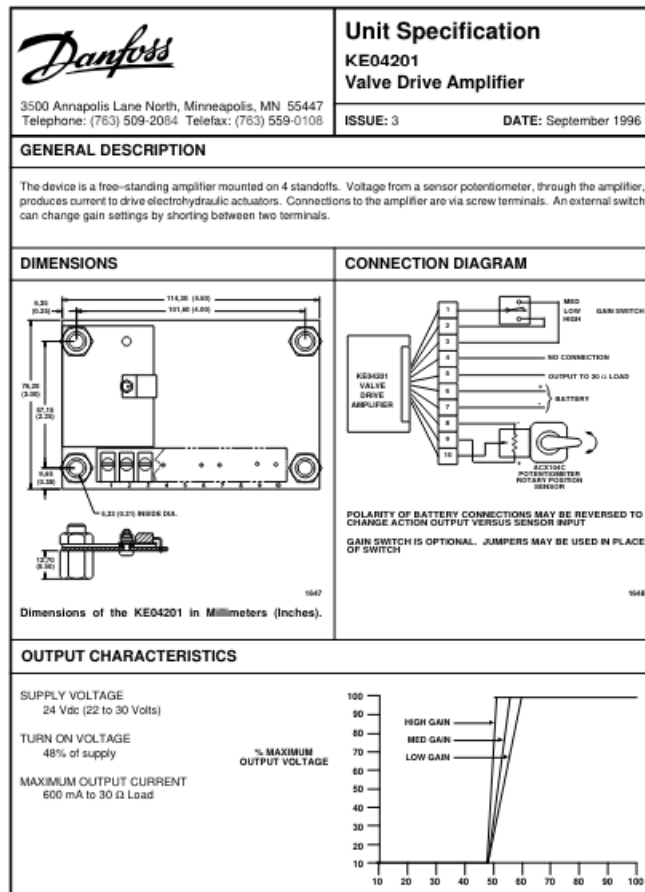
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**Danfoss KE04201 Valve Drive Amplifier**



## Product Information

### Specifications:

- **Model:** KE04201 Valve Drive Amplifier
- **Issue:** 3
- **Date:** September 1996
- **Supply Voltage:** 24 Vdc (22 to 30 Volts)
- **Maximum Output Current:** 600 mA to 30Ω Load

## Product Usage Instructions

### Dimensions:

The KE04201 Valve Drive Amplifier has the following dimensions in millimeters (inches):

- **Width:** 114.30mm (4.50 inches)
- **Height:** 76.20mm (3.00 inches)
- **Depth:** 57.15mm (2.25 inches)

### Connection Diagram

The connection diagram for the KE04201 Valve Drive Amplifier is as follows:

- **Output to 30Ω Load**
- **Battery Connection:** Polarity may be reversed to change action output versus sensor input
- **Gain Switch:** Optional, jumpers may be used in place of switch

**Output Characteristics:**

The output characteristics of the amplifier are as follows:

- **Turn On Voltage:** 48% of supply voltage
- **Output Voltage:** Varied based on gain settings (High/Med/Low)

**Frequently Asked Questions (FAQ):****1. Q: What is the maximum supply voltage supported by the KE04201 Valve Drive Amplifier?**

A: The amplifier supports a supply voltage range of 22 to 30 Volts.

**2. Q: Can the gain switch be omitted from the circuit?**

A: Yes, the gain switch is optional, and jumpers can be used in place of the switch if desired.

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- **Telephone:** (763) 509-2084
- **Telefax:** (763) 559-0108

**Unit Specification**

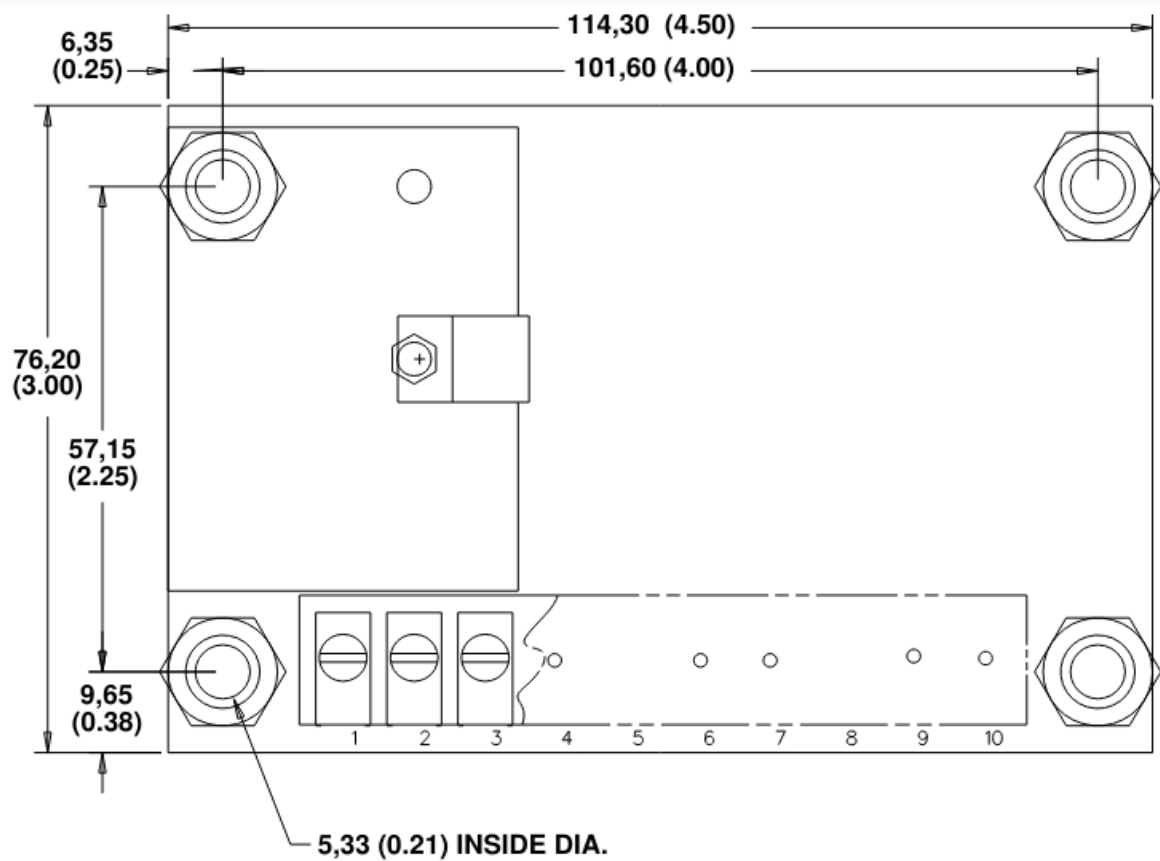
KE04201 Valve Drive Amplifier

- **ISSUE:** 3
- **DATE:** September 1996

**GENERAL DESCRIPTION**

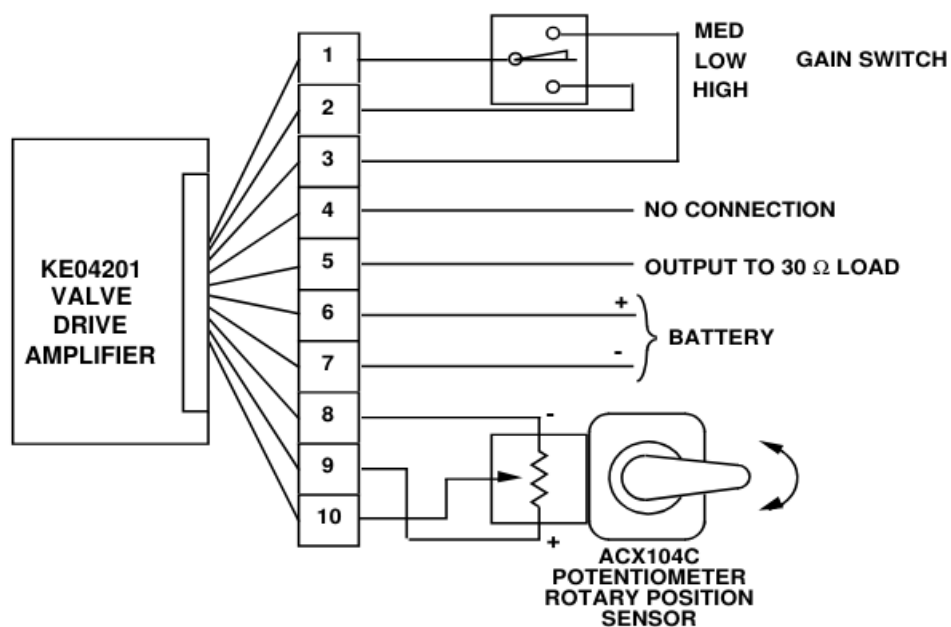
The device is a free-standing amplifier mounted on 4 standoffs. Voltage from a sensor potentiometer, through the amplifier, produces current to drive electrohydraulic actuators. Connections to the amplifier are via screw terminals. An external switch can change gain settings by shorting between two terminals.

**DIMENSIONS**



Dimensions of the KE04201 in Millimeters (Inches).

## CONNECTION DIAGRAM

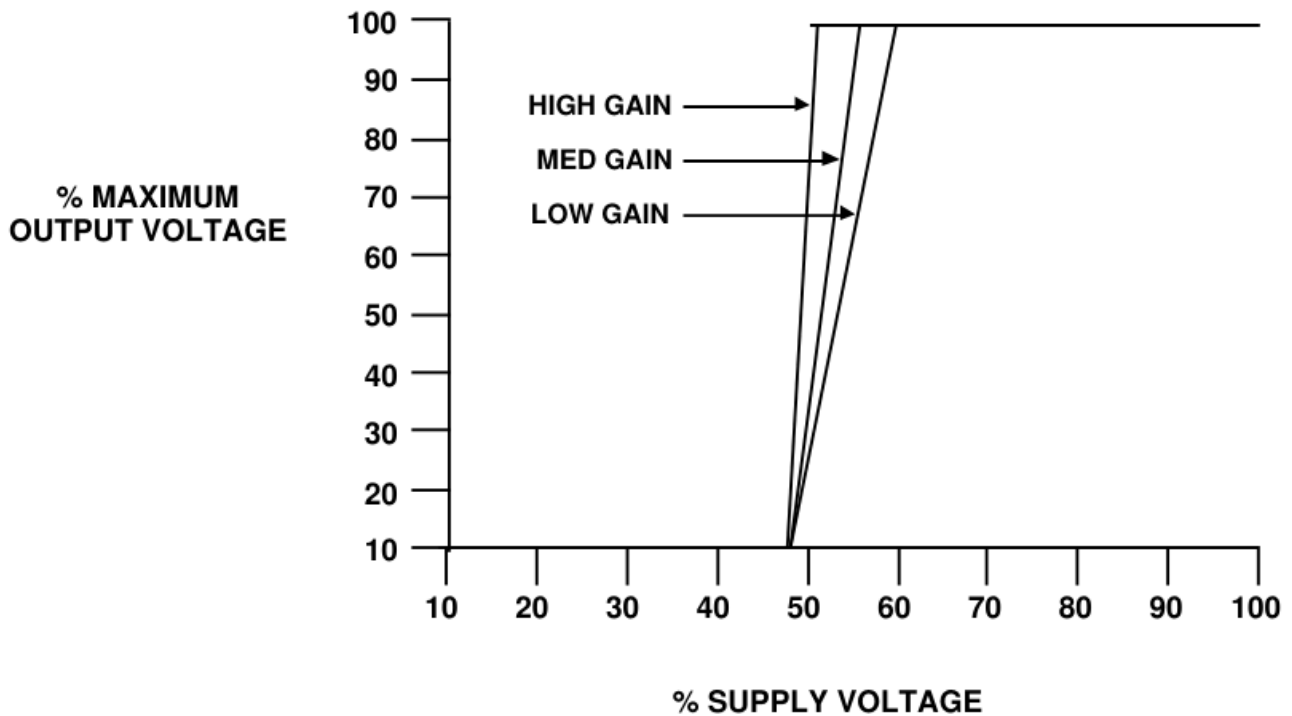


POLARITY OF BATTERY CONNECTIONS MAY BE REVERSED TO CHANGE ACTION OUTPUT VERSUS SENSOR INPUT GAIN SWITCH IS OPTIONAL. JUMPERS MAY BE USED IN PLACE OF SWITCH

## OUTPUT CHARACTERISTICS

### • SUPPLY VOLTAGE

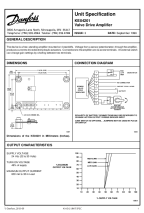
- 24 Vdc (22 to 30 Volts)
- **TURN ON VOLTAGE**
  - 48% of supply
- **MAXIMUM OUTPUT CURRENT**
  - 600 mA to 30 W Load



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## Documents / Resources

	<p><a href="#">Danfoss KE04201 Valve Drive Amplifier</a> [pdf] Instruction Manual KE04201 Valve Drive Amplifier, KE04201, Valve Drive Amplifier, Drive Amplifier, Amplifier</p>
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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