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# Unit Specification

## KE04104 Valve Drive Amplifier

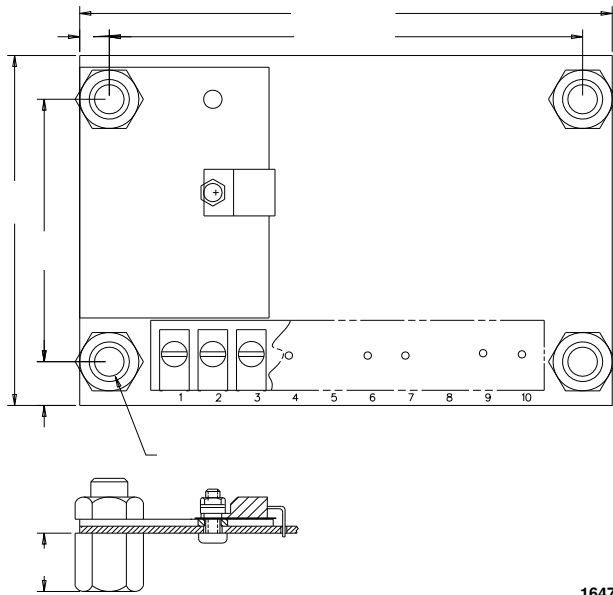
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### GENERAL DESCRIPTION

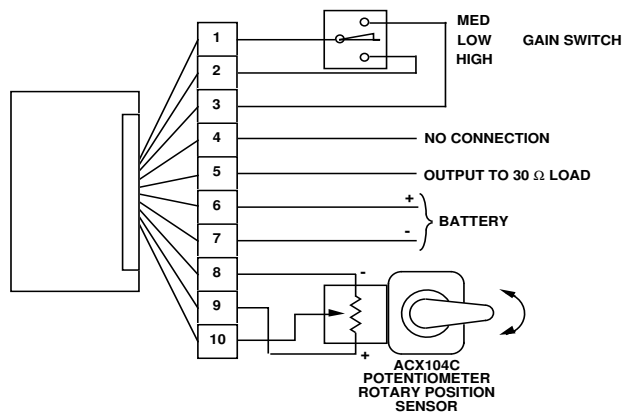
The device is a free-standing amplifier mounted on 4 standoffs. Voltage from a sensor potentiometer, through the amplifier, produces current to drive electrohydraulic actuators. Connections to the amplifier are via screw terminals with 3/16-inch quick-connects. An external switch can change gain settings by shorting between two terminals.

### DIMENSIONS



1647

### 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

1648

### OUTPUT CHARACTERISTICS

SUPPLY VOLTAGE  
12 Vdc (11 to 15 Volts)

TURN ON VOLTAGE  
48% of supply

MAXIMUM OUTPUT CURRENT  
100 mA nominal

% MAXIMUM  
OUTPUT VOLTAGE

