



3500 Annapolis Lane North, Minneapolis, MN 55447  
 Telephone: (763) 509-2084 Telefax: (763) 559-0108

# Unit Specification

## KE07205 Ramped Valve Driver

ISSUE: 1

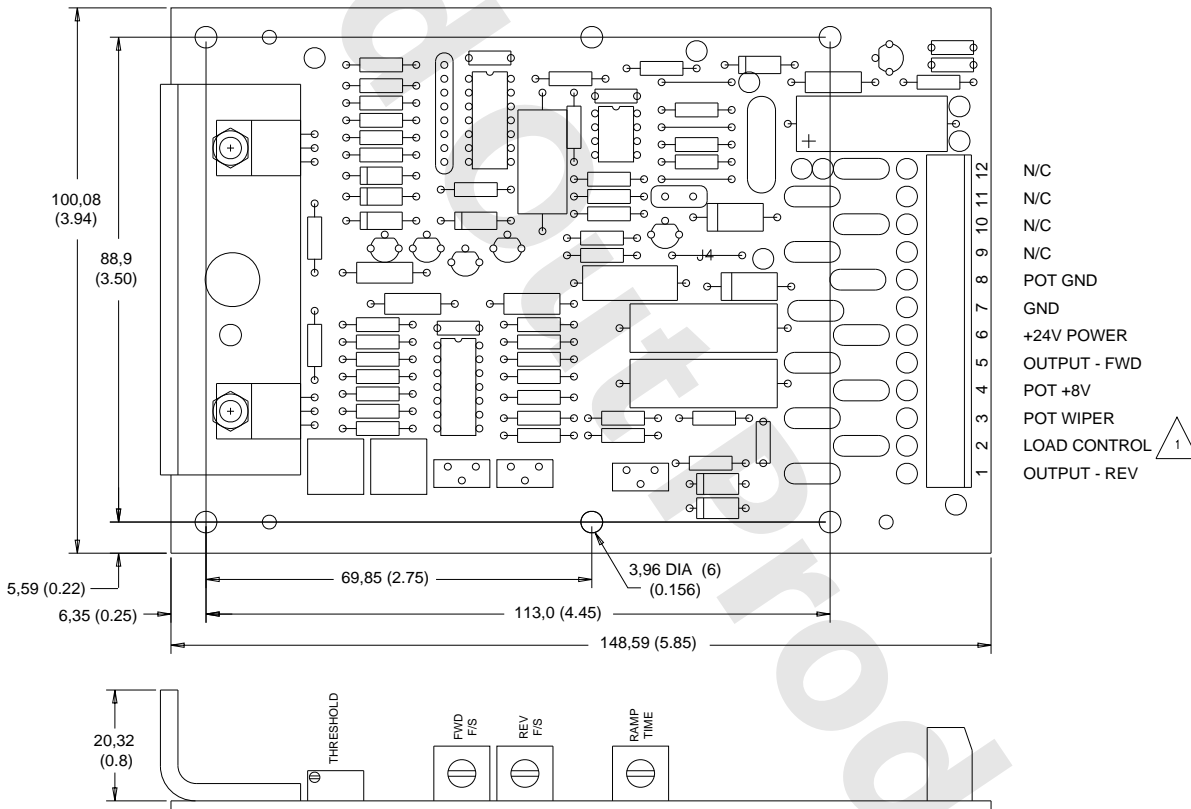
DATE: May 1993

### GENERAL DESCRIPTION

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

The KE07205 is a direct replacement for the MXX458 or the MXX1139. It is the same as the KE07203 except it has a 3.4 volt reference for null.

### DIMENSION AND CONNECTION DIAGRAM



⚠ WHEN USED WITH LOAD CONTROL, CONNECT LOAD CONTROL OUTPUT TO TERMINAL 2 AND REMOVE JUMPER J4

1686

Dimensions in millimeters (inches).

### OUTPUT CHARACTERISTICS

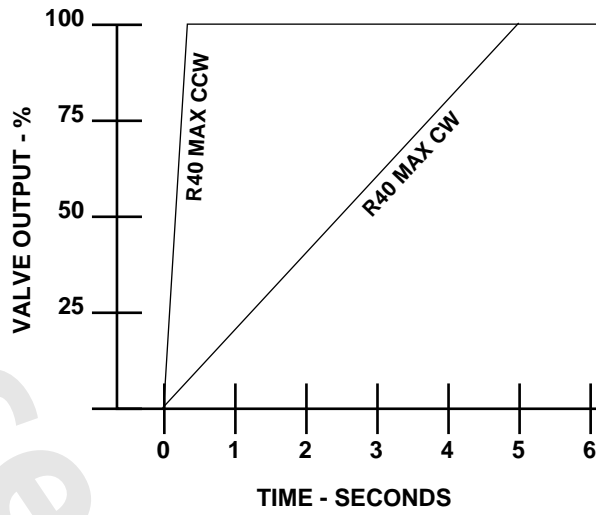
SUPPLY VOLTAGE  
24 Vdc

OUTPUT CURRENT  
0.7 A

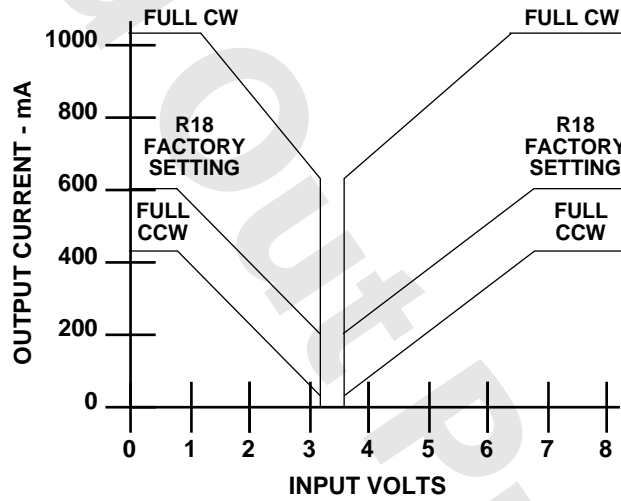
PWM FREQUENCY  
100 Hz

FACTORY SETTINGS WITH 26 OHM LOAD  
 Threshold: 200 mA  
 Full Stroke 600 mA

# ADJUSTMENTS

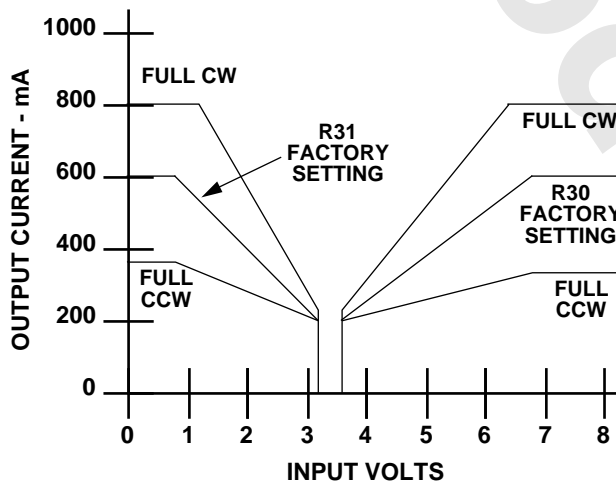


1679



1696

Threshold adjustment.



1697

Full stroke adjustment.