



NOTES:

J1 REQUIRES A NORMALLY OPEN MOMENTARY SWITCH

J2 REQUIRES A NORMALLY OPEN MOMENTARY SWITCH

J3 SUPPLIES POWER, AND RECEIVES THE LINEAR OUTPUT SIGNAL (AS IN POTENTIOMETER WIPER).

J3 PIN 'A' IS A LINEAR OUTPUT THAT WILL INCREASE WHEN J1 CONTACTS ARE CLOSED, DECREASE WHEN J2 CONTACTS ARE CLOSED.

D1-D8 ARE LEDs AND WILL ILLUMINATE IN PROPORTION TO THE LEVEL OF LINEAR OUTPUT ON J3.

RANGE:  $V_{MIN} = \sim 0.2V$ ,  $V_{MAX} = \sim 4.5V$  (WHEN SUPPLY VOLTAGE IS 5.0V).

THE SWING TIME FROM  $V_{MIN}$  TO  $V_{MAX}$  OR FROM  $V_{MAX}$  TO  $V_{MIN}$  ON THE 'A' PIN IS NOMINALLY 1.15 SECONDS.