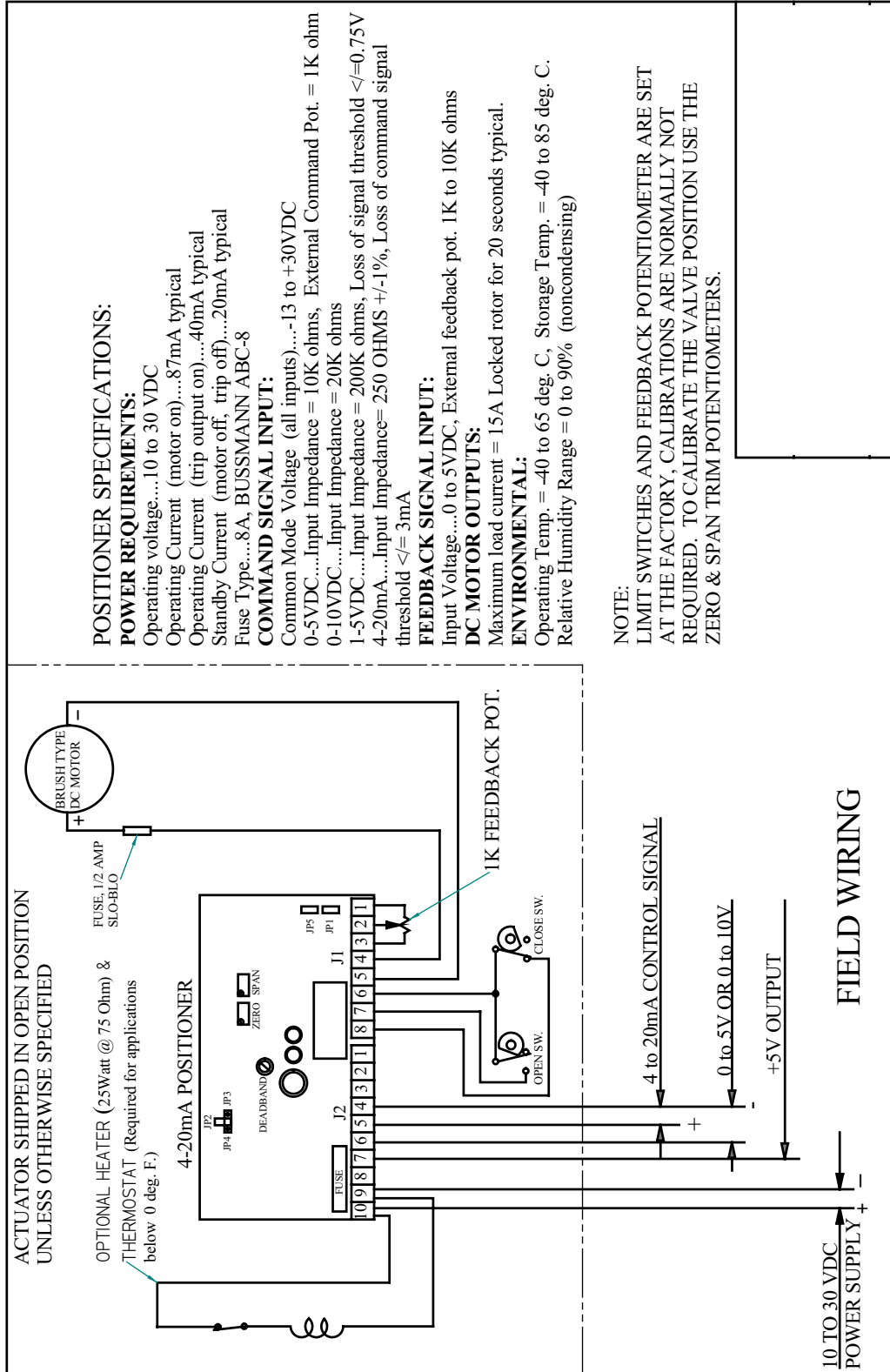


12/24VDC WITH 4-20mA POSITIONER



POSITIONER SPECIFICATIONS:

POWER REQUIREMENTS:

Operating voltage....10 to 30 VDC
 Operating Current (motor on)....87mA typical
 Operating Current (trip output on)....40mA typical
 Standby Current (motor off, trip off)....20mA typical
 Fuse Type....8A, BUSSMANN ABC-8

COMMAND SIGNAL INPUT:

Common Mode Voltage (all inputs)....-13 to +30VDC
 0-5VDC....Input Impedance = 10K ohms, External Command Pot. = 1K ohm
 0-10VDC....Input Impedance = 20K ohms
 1-5VDC....Input Impedance = 200K ohms, Loss of signal threshold $\leq 0.75V$
 4-20mA....Input Impedance= 250 OHMS $\pm 1\%$, Loss of command signal threshold $\leq 3mA$

FEEDBACK SIGNAL INPUT:

Input Voltage....0 to 5VDC, External feedback pot. 1K to 10K ohms

DC MOTOR OUTPUTS:

Maximum load current = 15A Locked rotor for 20 seconds typical.

ENVIRONMENTAL:

Operating Temp. = -40 to 65 deg. C, Storage Temp. = -40 to 85 deg. C.
 Relative Humidity Range = 0 to 90% (noncondensing)

NOTE:

LIMIT SWITCHES AND FEEDBACK POTENTIOMETER ARE SET AT THE FACTORY, CALIBRATIONS ARE NORMALLY NOT REQUIRED. TO CALIBRATE THE VALVE POSITION USE THE ZERO & SPAN TRIM POTENTIOMETERS.