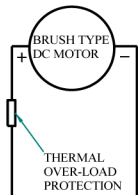
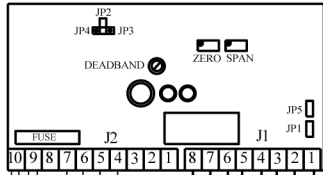


ACTUATOR SHIPPED IN OPEN POSITION  
UNLESS OTHERWISE SPECIFIED

OPTIONAL HEATER (25Watt @ 68 Ohm) &  
THERMOSTAT (Required for applications below  
0 deg. F.)

4-20mA POSITIONER



1K POTENTIOMETER

OPEN SW. CLOSE SW.

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 +/-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:**

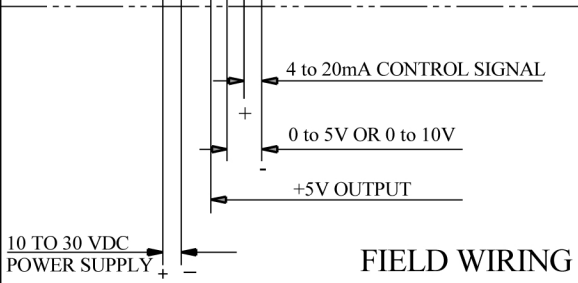
- Maximum load current = 15A Locked rotor for 20 seconds typical.

**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.



----- OPTIONAL EQUIPMENT  
————— FIELD WIRING

FIELD WIRING

<b>IC<sub>I</sub></b> Indelac Controls, Inc.		
WIRING DIAGRAM FOR DC ELECTRIC ACTUATOR WITH 4-20mA CONTROL		
JLR	1-9-97	W970109DC

**12 & 24Vdc Modulating Actuator**