

ACTUATOR SHIPPED IN OPEN POSITION UNLESS OTHERWISE SPECIFIED

26-01283

NO	DESCRIPTION	DATE	BY
		7/23/07	

POSITIONER SPECIFICATIONS:

POWER REQUIREMENTS:

Operating voltage10 to 30 VDC
 Operating Current (motor on).....87 mA typical
 Operating Current (trip output on)....40 mA typical
 Standby Current (motor off, trip off)....20 mA typical
 Fuse Type....8A, Bussman ABC-8

COMMAND SIGNAL INPUT:

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

FEEDBACK SIGNAL INPUT:

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

DC MOTOR OUTPUTS:

Max. Load Current = 15 A Locked Rotor for 20 sec. Typical

ENVIRONMENTAL:

Operating Temp. = -40 to +65 deg. C;
 Storage Temp. = -40 to +85 deg. C
 Relative H7midity Range = 0 to 90% (noncondensing)

NOTE:

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

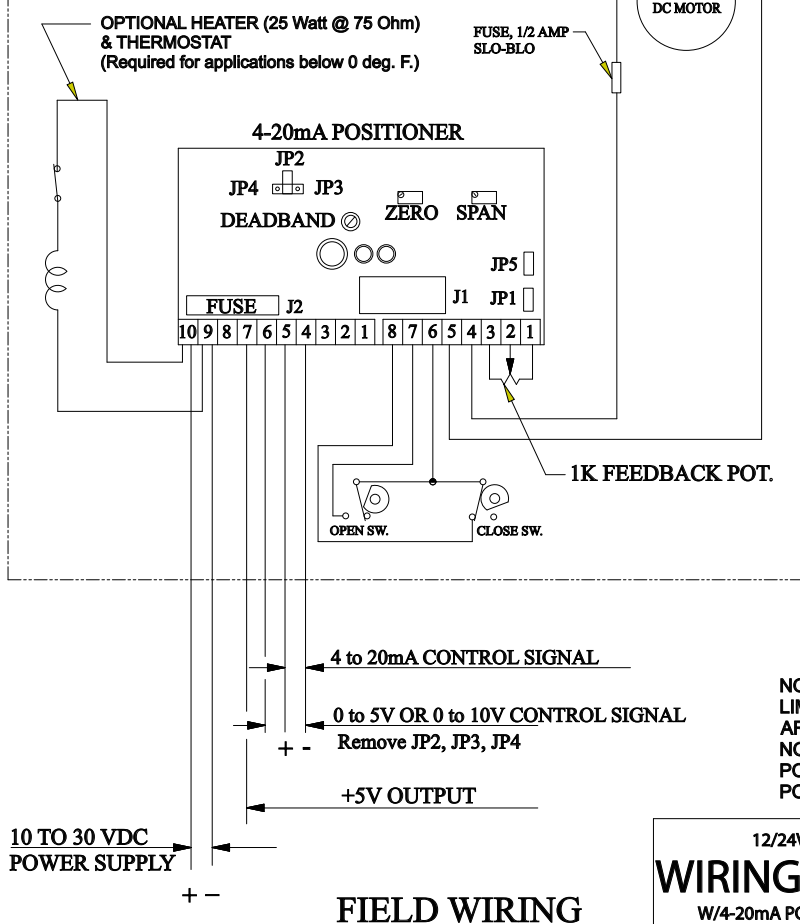
SIZE	MARK
USED ON	

12/24VDC ER ACT. WIRING DIAGRAM W/4-20mA POSITIONER OPTION

 **RICHARDS INDUSTRIES**
 CINCINNATI, OHIO
 U.S.A.
 • VALVE GROUP •

REF.	SCALE	-	DATE
	DR. BY	DW	10/14/05
	CHK. BY		

26-01283



Reference 970109DC 1/9/97