

SEE OPERATION NOTE  
- PLUG IN BATTERY

ACTUATOR SHIPPED IN OPEN POSITION  
UNLESS OTHERWISE SPECIFIED

SAFE N SECURE

INSTALL JUMPER  
WIRE INTO AC

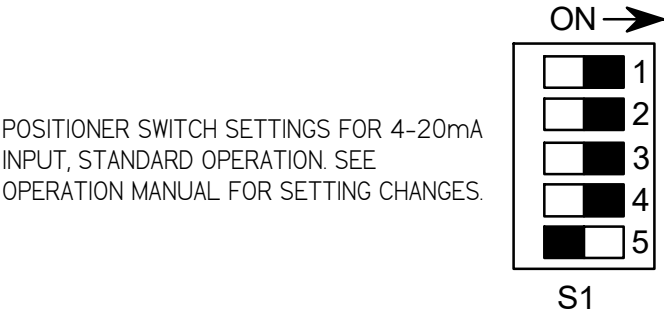
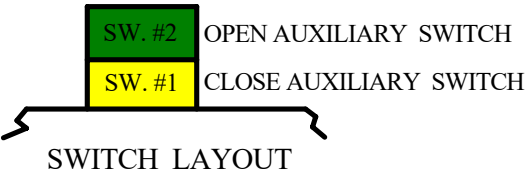
NEU. HOT  
115VAC  
POWER SUPPLY

4-20mA  
INPUT SIGNAL

4-20mA MONITOR

FIELD WIRING

REV	DESCRIPTION	DATE	BY
1	ADDED OPT. HTR. & BRAKE, MOD NOTE	02MAR15	WJR
2	ADDED AUX. SWITCHES & MODIFIED TERMINAL PINOUT, NEW SNS BD & NEW DC POSITIONER BOARD VIEWS	08JUL16	WJR
3	ADDED JUMPER FROM TERM. 2 TO 4 FOR TRANSMITTER	21DEC17	WJR
4	MOVED JUMPER TO TERMINALS 4 & 5 TERMINAL	19FEB20	WJR
5	ADDED LATEST SNS BD & WIRING MODS	03JUN25	DJB
5	NEW BACKGROUND, LOGO & COMPONENT P/Ns	03JUN25	DJB



OPERATION:

ACTUATOR IS SHIPPED WITH THE BATTERY UNPLUGGED FROM THE BOARD. WHEN THE ACTUATOR IS INSTALLED, PLUG THE BATTERY INTO J1 ON THE SAFE AND SECURE BOARD.

ACTUATOR WILL RUN ON AC INPUT POWER USING 4 - 20mA COMMAND SIGNAL FROM CONTROL PANEL. IF COMMAND SIGNAL COMMUNICATION SHOULD BE BROKEN OR POWER TO ACTUATOR & COMMAND SIGNAL DROP OUT, BATTERY POWER WILL DRIVE THE ACTUATOR TO THE SET FAIL POSITION AND REMAIN THERE UNTIL THE INPUT POWER COMES BACK ON. SEE MANUAL FOR SETTING THE DESIRED FAIL POSITION USING THE SELECTOR SWITCHES.

IF INPUT POWER SHOULD FAIL, BUT THE COMMAND SIGNAL IS STILL PRESENT, THE ACTUATOR WILL CONTINUE TO RUN ON BATTERY POWER UNTIL BATTERY POWER DROPS BELOW 9 VDC.

FURTHER TRAVEL OF THE ACTUATOR IN THE OPEN DIRECTION CAN BE ACCOMPLISHED BY ADJUSTING THE SPAN "S" POT CLOCKWISE. FURTHER TRAVEL IN THE CLOSED DIRECTION CAN BE ACCOMPLISHED BY ADJUSTING THE ZERO "Z" POT COUNTER-CLOCKWISE.

PROPRIETARY  
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WIRING DIAGRAM, SAFE & SECURE, 115VAC ACTUATOR WITH 4-20mA POSITIONER, TRANSMITTER OPTIONAL BRAKE, HEATER / THERMOSTAT & 2 AUXILIARY SWITCHES			
WJR	29JAN13	W140129	