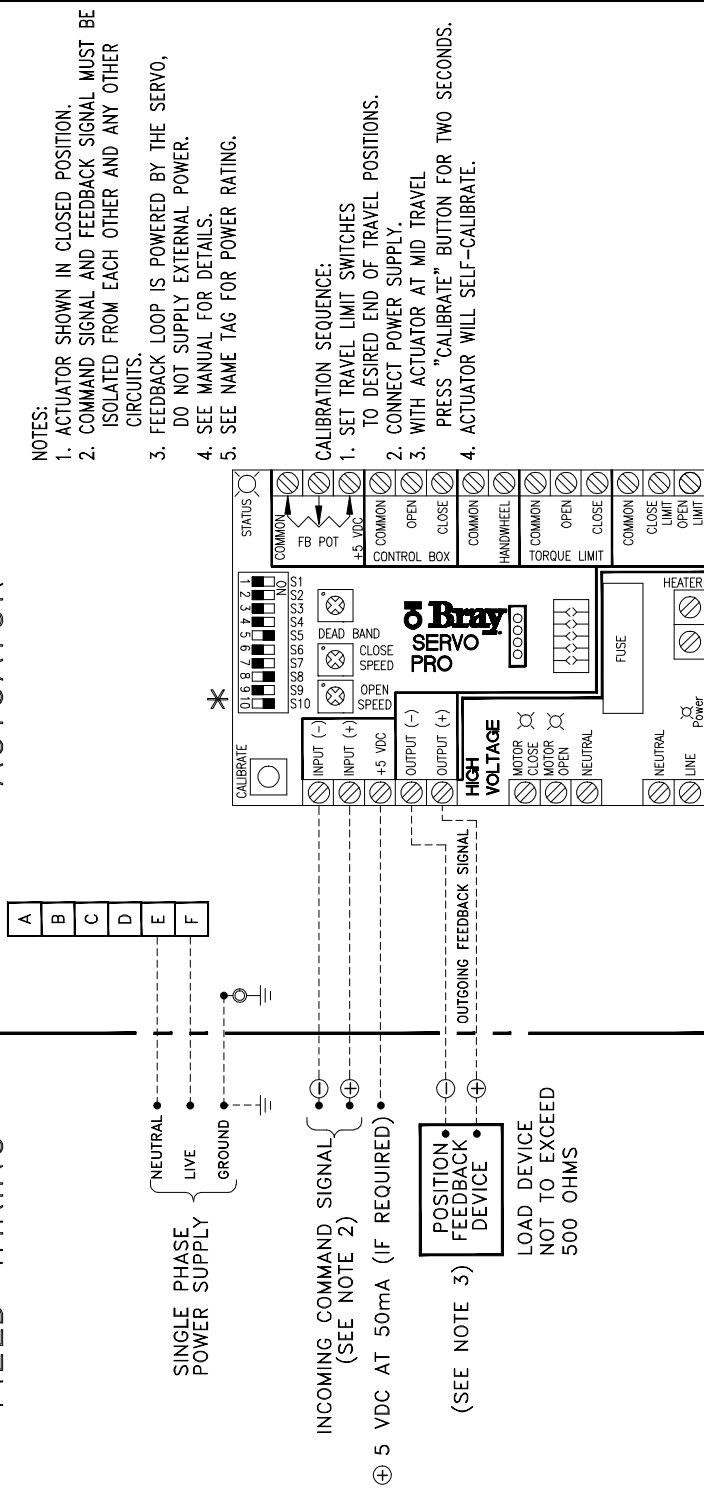


ACTUATOR

FIELD WIRING



- NOTES:
1. ACTUATOR SHOWN IN CLOSED POSITION.
 2. COMMAND SIGNAL AND FEEDBACK SIGNAL MUST BE ISOLATED FROM EACH OTHER AND ANY OTHER CIRCUITS.
 3. FEEDBACK LOOP IS POWERED BY THE SERVO, DO NOT SUPPLY EXTERNAL POWER.
 4. SEE MANUAL FOR DETAILS.
 5. SEE NAME TAG FOR POWER RATING.
- CALIBRATION SEQUENCE:
1. SET TRAVEL LIMIT SWITCHES TO DESIRED END OF TRAVEL POSITIONS.
 2. CONNECT POWER SUPPLY.
 3. WITH ACTUATOR AT MID TRAVEL PRESS "CALIBRATE" BUTTON FOR TWO SECONDS.
 4. ACTUATOR WILL SELF-CALIBRATE.

* BEFORE MAKING CHANGES TO THE DIP SWITCHES, ENSURE THAT POWER IS OFF. SWITCHES SHOWN FOR 4-20mA INPUT AND OUTPUT, FAIL IN CLOSED POSITION UPON LOSS OF SIGNAL, AND FORWARD ACTING MODE. TORQUE SWITCH DISABLED

SWITCH	COMMAND INPUT		COMMAND OUTPUT		FORWARD/REVERSE		FAIL		TORQUE SW	
	4-20mA	0-5V	4-20mA	0-5V	ACTING	REVERSE	FAIL	FAIL	ENABLE	DISABLE
1	OFF	ON	ON	ON						
2	OFF	OFF	ON	ON						
3	OFF	OFF	OFF	ON						
4			OFF	ON						
5			ON	OFF						
6			OFF	ON						
7					OFF	ON				
8							OFF	ON		
9								OFF	ON	
10									OFF	ON

Valve Size _____ Pressure Rating _____
 Fig. Drilling _____
 Customer/Project _____
 Inq./P.O. No. _____
 Bray Order No. _____
 Certified Correct By _____ Date _____

FIELD WIRING DIAGRAM, SERIES 70 MODULATING WITH TYPE 'C' TRAVEL LIMIT SWITCHES, SERVO PRO "F" AND HEATER (OPTIONAL)



SHEET	REV.
2 OF 2	1
DRAWING NO.	
ES11A-0565	