



DISPLAY MODE

THE DISPLAY MODE IS ENTERED UPON POWER UP, OR BY PRESSING SWITCH (S02P), AND THE TANK LEVEL WILL BE DISPLAYED IN ENGINEERING UNITS. TO EXIT THE DISPLAY MODE ENTER THE SETPOINT OR CALIBRATION MODE.

SETPOINT MODE

THE SETPOINT MODE IS ENTERED BY PRESSING SWITCH (S02P) WITH DIGITAL INPUT (D7) CLOSED, TO MOVE THROUGH THE SETPOINT MODE USE SWITCH (S08P). TO ENTER A SETPOINT SELECT THE CORRECT POINTER LIGHT USING THE SELECT SWITCH (S08P) AND USE SWITCH (S00) TO INCREMENT OR DECREMENT THE DISPLAYED VALVE. USE SWITCH (S01P) TO SAVE THE DISPLAYED VALUE, A FLASHING SETPOINT LIGHT INDICATES AN UNSAVED VALUE WHILE A CONSTANT LIGHT DENOTES A SAVED VALUE.

STEP	LIGHT	DISPLAY	DESCRIPTION
01	L11	on 999.9	PUMP 1 ON STPT (LEVEL)
02	L11	oF 999.9	PUMP 1 OFF STPT (LEVEL)
03	L13	on 999.9	PUMP 2 ON STPT (LEVEL)
04	L13	oF 999.9	PUMP 2 OFF STPT (LEVEL)
05	L18	D 9999	PUMP ON/OFF DELAY (SECONDS)
06	L20	D 9999	INPUT FILTER (SECONDS)
07	L51	on 999.9	HIGH ALARM ON STPT (LEVEL)
08	L51	oF 999.9	HIGH ALARM OFF STPT (LEVEL)
09	L53	on 999.9	LOW ALARM ON STPT (LEVEL)
10	L53	oF 999.9	LOW ALARM OFF STPT (LEVEL)
11	L32	D 9999	PUMP 1 FEEDBACK DELAY (SECONDS)
12	L34	D 9999	PUMP 2 FEEDBACK DELAY (SECONDS)
13	L60	999999	0% D/A ANALOG OUTPUT (650)
14	L62	999999	100% D/A ANALOG OUTPUT (3280)
15	L14	999999	CURRENT TIME (HR:MIN:SEC)
16	L15	999999	CURRENT DATE(MO/DAY/YR)

ALARMS

ALARMS ARE CONTROLLED BY THE ENTERED SETPOINTS. WHEN THE SETPOINTS ARE EXCEEDED, THE ALARM WILL LIGHT. THE RELAY WILL DE-ENERGIZE WHEN THE CONDITION CLEARS BUT WILL ALLOW THE LIGHT TO STAY ON UNTIL THE ALARM RESETS (S57P) IS PRESSED WHICH WILL TURN OFF THE ALARM LIGHT IF THE CONDITION IS CLEARED.

CONTROL

THE HAND/OFF/AUTO SWITCHES (S39 – S41) ARE USED TO TURN THE PUMPS ON AND OFF, OR SELECT AUTOMATIC CONTROL OF EACH PUMP. THE STATUS LIGHTS (L18 – L20) WILL TURN ON WHENEVER A PUMP IS BEING CALLED FOR. ONLY THE AVAILABLE PUMPS IN (AUTO) WILL BE ROTATED. LIGHTS (L32 – L34) ARE USED AS PUMP FAIL STATUS LEDS.

CALIBRATION

TO ENTER THE CALIBRATION MODE FOR CALIBRATING THE INCOMING ANALOG SIGNAL TO ENGINEERING DISPLAY UNITS (FEET), PRESS THE CALIBRATION MODE SELECT SWITCH (S02P).

TO CALIBRATE :

- 1> USE THE SELECT SWITCH (S08P) TO SELECT THE 0% LIGHT (L60)
- 2> APPLY 0% ANALOG SIGNAL TO ANALOG INPUT.
- 3> USE THE INC/DEC SWITCH TO SET THE DISPLAY FOR DESIRED 0% UNITS.
- 4> PRESS THE ENTER SWITCH TO SAVE THE 0% CALIBRATION
- 5> USE THE SELECT SWITCH TO SELECT THE 100% LIGHT (L62).
- 6> APPLY 100% ANALOG SIGNAL TO ANALOG INPUT.
- 7> USE THE INC/DEC SWITCH TO SET THE DISPLAY FOR DESIRED 100% UNITS.
- 8> PRESS THE ENTER SWITCH TO SAVE THE 100% CALIBRATION
- 9> CALIBRATION COMPLETE, PRESS (S02P) TO RETURN TO NORMAL MODE.

					AGM Electronics, Inc.
	Signature	Date	PRO-991117A-00	000 Rev	Tucson,Arizona
Drawn By	JG	11/23/99	Ref ICS2	NC	Front Panel Notes
Checked By	RF	11/23/99	SO# XXXX	Sheet	2 PUMP CONTROL
Cust Approval		//	XXXX	<u>3_of</u> 3_	