

UMC AUTOMATION

VR CONTROL FACTORY CALIBRATION

Factory settings: 4 oz (display in hundreds)
All 4 relays set to 2' ($\frac{1}{4}$ oz dead band on each)
4 to 20 mA output set to 0 to 4 oz
Jumper settings: J1/center, J2/left & right, J3/left

- STEP 1** Set display zero * 0 psi on sensor
 * Load switch in down position

Adjust VR5 to 0.01
- STEP 2** Set display span * 4 oz on sensor
 * Load switch in up position

Adjust VR6 to 4.00
- STEP 3** Set relays * pull SW1 down (simulation switch)

Adjust VR8 to 2.00 (on display)
- | | | | | |
|-------------------|----------------|-----------------------|--------|----------------|
| Adjust <u>VR1</u> | left (Led off) |) then right (Led on) |) sets | <u>relay 1</u> |
| Adjust <u>VR2</u> | “ | “ | “ | <u>relay 2</u> |
| Adjust <u>VR3</u> | “ | “ | “ | <u>relay 3</u> |
| Adjust <u>VR4</u> | “ | “ | “ | <u>relay 4</u> |

Adjust VR8 left checking ascending and dead band relays 1 & 2

Adjust VR8 right checking descending and dead band relays 3 & 4

