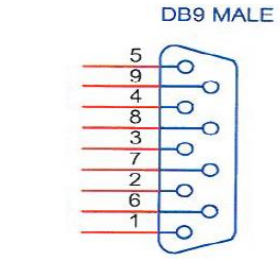
I/O CONNECTION INTRUCTIONS
FOR
DISPENSERS AND CONTROLLERS

Pin# Function

1. Voltage Initiate +5-24VDC (10mA maximum)
2. Voltage Initiate -
3. End of Cycle Feedback
   (During dispensing cycle, pin 3 is grounded (-)
   (End of dispensing cycle, pin 3 is not connected)
4. When low pressure alarm is triggered, pin 4 is grounded (-)
   When low pressure alarm is turned off, pin 4 is not connected (opened).
5. Chassis Ground
6. To initiate a dispense cycle with contact closure using external switch.
7. Not connected (Available)
8. Not connected (Available)
9. Not connected (Available)

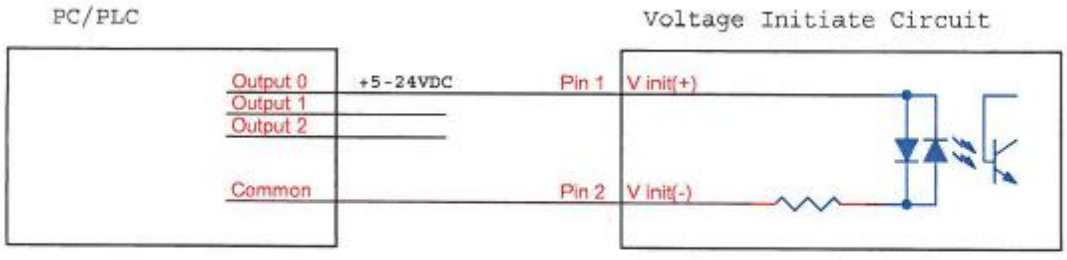


BACK PANEL I/O PIN DIAGRAM

Voltage Initiate Circuit

The unit may be initiated with a 5 to 24VDC signal across pin 1 and 2. The signal can be momentary (no less than 250ms) or maintained. A new cycle will begin after the signal is removed and then applied again.

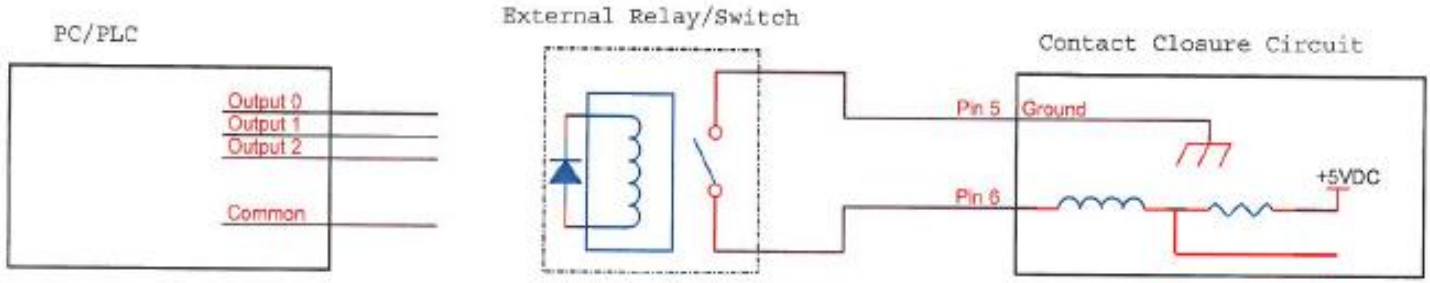
Note: Please make sure the external device (your machine that controls the dispenser/controller) has the same ground (Common) as the Techcon dispenser/controller.



Dispense control with voltage initiate

Mechanical Contact Initiate

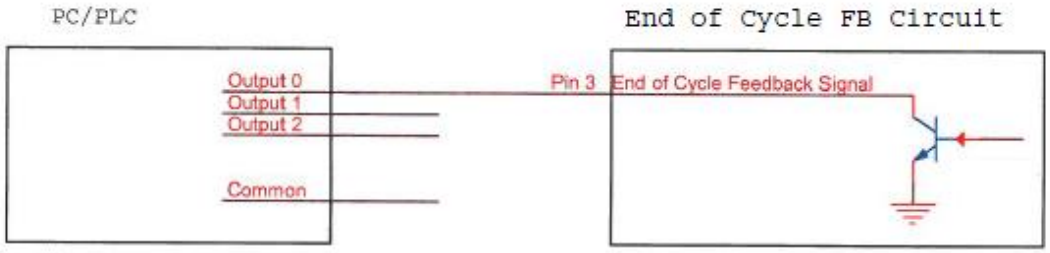
The unit can be initiate via the closure of mechanical contacts such as a relay or switch using pin 5 and 6. Closure of the contacts can be momentary (no less than 250ms) or maintained. A new cycle will begin once the contacts are opened and then closed again.



PC/PLC contact closure interface

End of Cycle Feedback Circuit

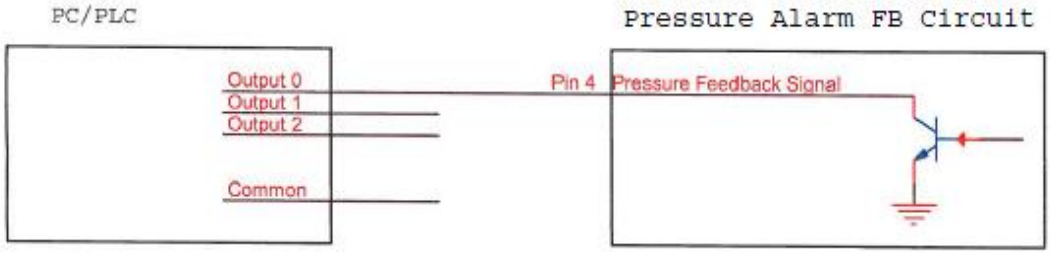
During the dispensing cycle, Pin 3 is grounded (-), End of dispensing cycle Pin 3 is not connected (opened)



End of Cycle Feedback to PC/PLC

Pressure Alarm Feedback Circuit

When low pressure alarm is triggered. Pin 4 is grounded (-),
When low pressure alarm is turned off, Pin 4 is not connected



Pressure Alarm Feedback to PC/PLC