**Switching between a Remote & Local Setpoint with a Digital Input**

**Solution:** Specify a UDC 3200 with a Digital Input Option. When a digital input is configured for **To LSP**, the UDC will switch from Remote SP to a Local SP with a contact or switch closure.

**Configuration:**
- **Setup Control:** LSP’S set to **ONE**
- **RSP SRC** set to **IN 2**
- **Setup Option:** DIG1 INP or DIG2 INP is set to **To LSP**

**Wiring:**

![Wiring Diagram]

**Operation:**
1. Make sure that the Digital Input Switch is open and Remote SP is selected
2. Set the desired setpoint for Local SP using the Lower Display & arrow keys.
3. With the Digital Input Switch closed, SP will be displayed on the Lower display.
4. When the Digital Input Switch is re-opened the bar next to the left of the RSP will light, and the Remote SP will be the controlling setpoint.

**Notes:**
1. If the **Setpoint Select is enabled**, then someone can override the Digital Input by pressing the SP Select key.
   
   A suggested correction is, prior to doing step 3 in the operation section, go to Tuning Group and set the Lockout to None. Keep pressing the Function key until **SP SEL** appears in the lower display. Set the Upper Display to **DISABLE**.
   
   With the Setpoint Select set to disable, the unit can not be switched to Local SP by the keyboard.

2. A **different set of Tuning constants** can be selected when Local SP is selected. If Two sets of Tuning constants are selected under the Control section, then by using the DIG 1 CMB or DIG 2 COMB set to **+PID 2** then PID set 2 tuning values will be used when SP is selected.