SLC4075TechNote220_BldgMngmtInterfaceAuxPID
Rev 03/18/24

Firmware Requirements
1. SLC4060 **V7.02+**
   a. The firmware may be upgraded in the field. Contact Selectronix for the latest firmware and upgrade app..
   b. See Selectronix SLC4060TechNote100_FirmwareUpgradeProcedure.pdf available at selectronix.us in the Support section.
2. SLC4075 **V3.13+**
   a. The firmware may be upgraded

Using the Auxiliary PID
There is an unused PID which may be used to control most any other process variable.
1. Hot water RTD-based systems use PID1, leaving *PID2 available for non-DDC applications.*
2. Steam or other systems which use a sensor transmitter uses PID2 leaving *PID1 available for non-DDC applications.*
3. **Connect the sensor signal to the SLC4060 GPA2 input**
   a. This input may be configured for 4-20ma, 0-10V, 2-10V, etc., using the SW1 DIP switches
4. **Use the available PID with the Mode selection set to:**
   a. Heat non-DDC (SrcSel=3) for an increasing output with an increasing sensor input.
   b. Cool non-DDC (SrcSel=4) for a decreasing output with an increasing sensor input.
5. **Connect the process variable signal to SLC4060 GPA1**
   a. **Configure the input for 4-20ma, 0-10V, 2-10V, etc.**
6. **Use the SLC4060 Voltage Driver for the control output.**
   a. **Configure the SLC4060 Voltage Driver Src Select**
      i. **SrcSel=5 PID1 0-10VDC**
      ii. **SrcSel=6 PID1 2-10V**
      iii. **SrcSel=7 PID2 0-10VDC**
      iv. **SrcSel=8 PID2 2-10V**
7. **See SLC4075TechNote203_PIDTuningProcedureAndInformation.pdf and other technical documents at selectronix.us in the Support section.**

For additional questions email techsupport@selectronix.us.