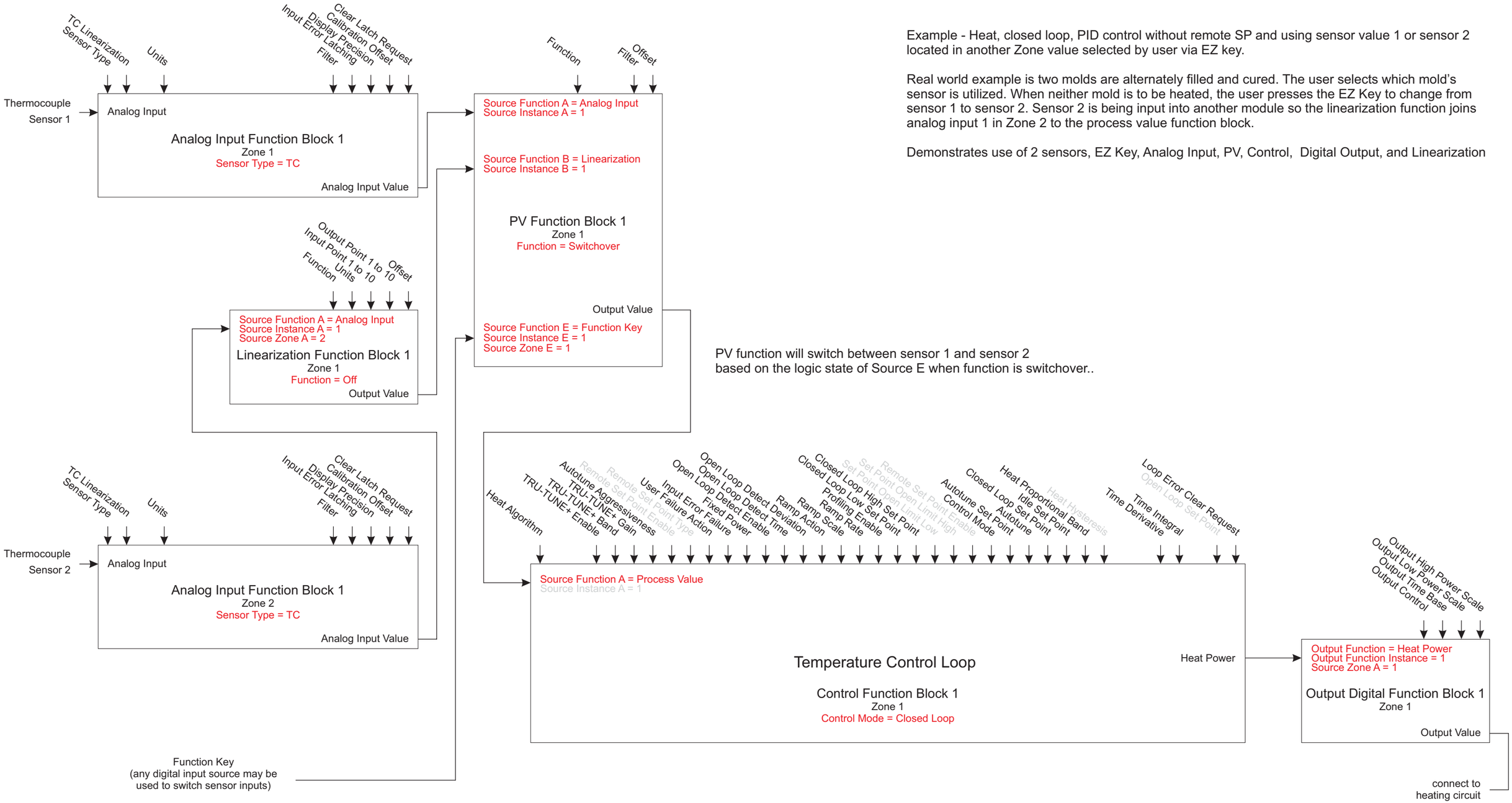
Example - Heat, closed loop, PID control without remote SP and using sensor value 1 or sensor 2 located in another Zone value selected by user via EZ key.

Real world example is two molds are alternately filled and cured. The user selects which mold's sensor is utilized. When neither mold is to be heated, the user presses the EZ Key to change from sensor 1 to sensor 2. Sensor 2 is being input into another module so the linearization function joins analog input 1 in Zone 2 to the process value function block.

Demonstrates use of 2 sensors, EZ Key, Analog Input, PV, Control, Digital Output, and Linearization



PV function will switch between sensor 1 and sensor 2
based on the logic state of Source E when function is switchover..

Information Flow

EZ-ZONE RM Application Example - using function blocks
Print on 11" x 17" landscape paper for best viewing

User parameter settings in RED