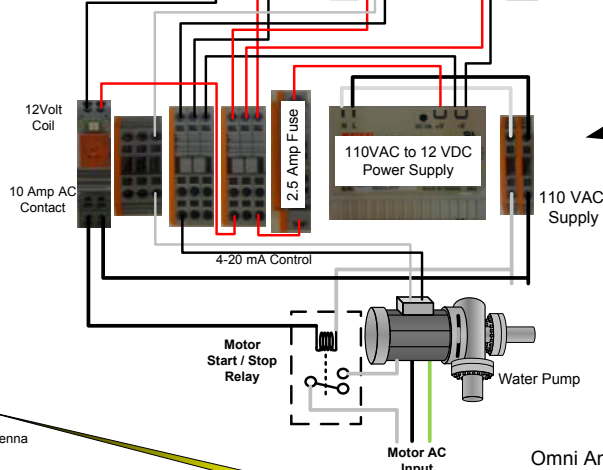


APPLICATION DRAWING

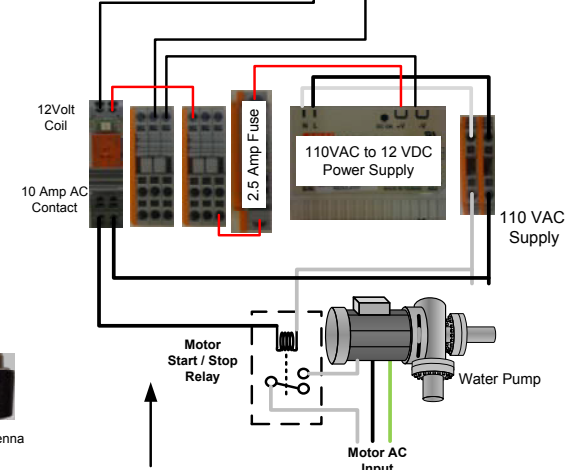
WIRELESS PEER-TO-PEER PUMP CONTROL USING BASE UNITS & ANALOG INPUT & OUTPUT MODULES

Base Unit B Analog Output Module



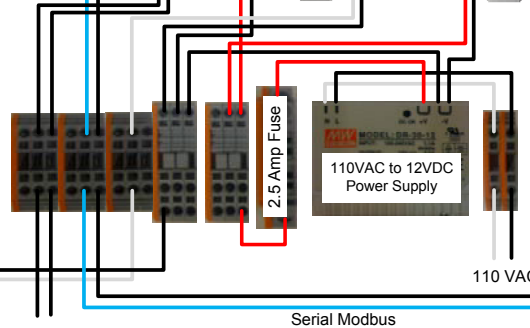
Wireless peer to peer communications from Base Unit A to Base Unit B provides the ability to stop, start and control the rate of the pump motor with a 4-20 mA output.

Base Unit C



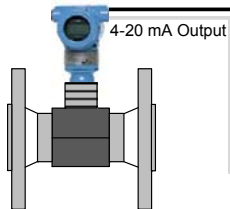
Wireless peer to peer communications from Base Unit A to Base Unit C provides the ability to stop and start the pump motor.

Base Unit A Analog Input Module



Base Unit A receives a 4-20mA flow rate signal from the water meter to the Analog Receiver. Base Unit A receives a motion detect contact into the Digital Input.

Water Flow Meter



The MicroLogix receives serial modbus data from Base Unit. The MicroLogix monitors the flow computer rate and motion detector. Based on these process variables can control Base Unit B and C utilizing modbus reads and writes to Base unit A.

