

ADDITIONAL TECHNICAL SPECIFICATIONS

Each control has the following specifications:

- Up to 250VAC @ 10A
- Up to 30VDC @ 8A
 - half the above amperages for inductive loads such as solenoids
- Higher power loads can be activated via a DIN-rail contactor mounted within our enclosure, if needed
- For DC solenoids, DC supply can be provided via DIN-RAIL power supplies within our enclosure
- For AC valves, we can connect to the mains supply line, or a separate AC supply if needed (DIN-RAIL type preferred)
- For DC solenoids, flyback diodes must be installed at connection to the solenoid (can be provided by Boxcar, along with instructions for connection)

Sensors supported:

- Our PLC is configurable for a WIDE range of sensor types and interfaces
- Our current standard temperature sensor is a digital PT-1000 platinum RTD sensor (digital serial interface)
- Analog RTD sensors (4-20mA, 0-10V, and other standards) are also possible, but may require factory calibration per device type prior to use
- Boxcar Specific Gravity sensor has an integral temperature sensor, negating the need for a separate temperature sensor
- Other sensors are also available for specific applications
- Custom sensor drivers can be developed for most commercial sensors available, if an interface specification and test unit can be provided