



## Autosampler

- Inj 1** - This contact closure activates (for a duration of 2 seconds) when the injection valve rotates from load to inject. This is typically used to start an external device (typically a pump).
- Inj 2** - Identical to INJ1, except this is typically used to start a data handling system
- STRT** - This contact closure activates at the beginning of the sampling operation and is typically used to autozero the detector
- RDY IN** - This contact closure is used when the Autosampler is controlled by an external device, typically a pump. The Autosampler waits to start sampling until this contact closes, thereby synchronizing the timing between the Autosampler and the controlling external device
- TE 1 and 2** - These contact closures actuate at a time specified in the Method and control an external device. When activated, the TE1 and TE2 contacts are switched and held for 2 seconds

## Pump

- EXT RUN** - Connecting a cable to this connection from an external contact closure (for example and autosampler) is identical to pressing the RUN key on the front panel. It starts the method that is currently displayed on the Series 200 LC Pump from another instrument in the LC system
- EXT STOP** - Connecting an external contact closure to the external stop input is identical to pressing the STOP key on the front panel. It stops the pump and the method that is currently running from another instrument in the LC system
- RUN OUT** - Contact closure that activates the moment the RUN key is pressed (or EXT RUN) to start the detector
- RDY** - Contact closure that holds closed the moment that Method 0 time (equilib time) elapses. This means the system has equilibrated and is ready for analysis. This can be connected to the A/S Ready In for example to signal the A/S to start.
- TE 1 and 2** - These contact closures actuate at a time specified in the Method and control an external device. When activated, the TE1 and TE2 contacts are switched and held for 2 seconds

## Series 200 UV / VIS Detector

- EXT RUN** - Actuating this input from an external contact closure starts the method. This performs the same action as the Run key. You can run a method when READY appears on the top line of the method display.
- EXT STOP** - Actuating this input from an external contact closure stops the detector. This performs the same action as the Stop key.
- RUN OUT** - This contact closure output signals the start of a run. This contact switches for approximately two seconds at the instant a method is started (at the moment Step 1 starts).
- RDY** - This contact closure output signals that initial conditions have been reached and a method is ready to run. When READY appears on the top line of the method, this contact is switched and held until the method is run.
- TE1** - This contact closure actuates at a designated time in the method and controls an external device. When activated, the TE1 contacts are switched and held for two seconds, if set to momentary, or set to opened or closed.
- TE2** - This contact closure has two modes of operation. The first mode is identical to TE1. The second mode of operation is associated with Scanning. If this mode is chosen, when the detector is scanning, this contact will close for the duration of the scan.
- AZ** - Actuating the input from an external contact closure has the same function as pressing the AZ key.
- PUMP LEAK** - Optional external leak detection circuit. Contact Customer/ Service Engineering for details.
- COMP OUT** - Analog output, 1 V/AU, 0.5 V/AU, 0.2 V/AU (software control) **(NOT SHOWN)**
- REC OUT** - Analog output, 10mV full scale for any selected range. **(NOT SHOWN)**