

PLC Test Station

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1. Developed TTL output/input test

- 1.1. Routine toggles a TTL output channel and checks whether the corresponding TTL input channel matches the output channel's state.
 - 1.1.1. Example: Toggle TTL output channel 3, observe state of TTL input channel 3.
- 1.2. If both TTL output is successfully set and TTL input is successfully set, routine iterates a counter.
- 1.3. Routine ran for 10,000 on/off cycles (at 1 Hz toggle rate) for each channel without error.