

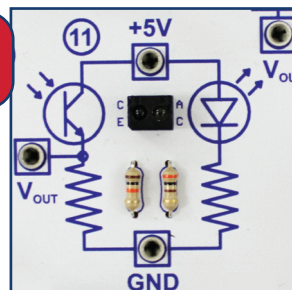
The Sensors and Actuators Trainer (model 1830) provides a hands-on study of sensors and actuators with real-world troubleshooting, competency testing, and computer-based instruction (CBI). Its internal fault board introduces computer-controlled hard faults, including 17 different faults and 3 disrupted signal patterns, and it connects with the Interactive Keypad (model 1802C), or the optional ATech Lab System (ALS16) with Classroom Management Program (CMP). A USB drive with the Student Manual, Instructor Guide, and a reproduction license is included for classroom use.



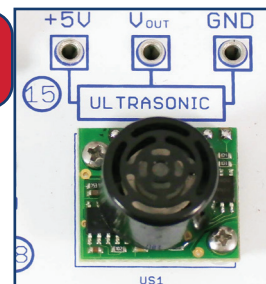
Components

- DC Motor
- Stepper Motor
- Phototransistor
- Vibration Sensor
- 10K Potentiometer
- Temperature Sensor
- PTC Circuit Protection
- Hall Effect Speed Sensor
- On/Off Hall Effect Sensor
- Toggle Push Button Switch

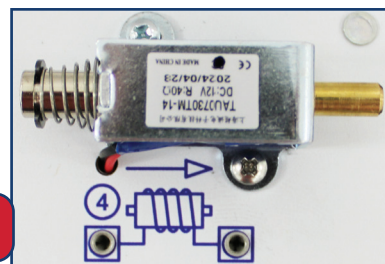
IR Emitter/Receiver



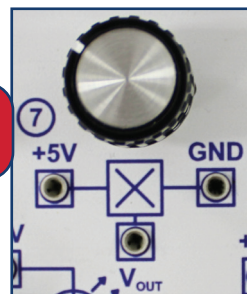
Ultrasonic Sensor



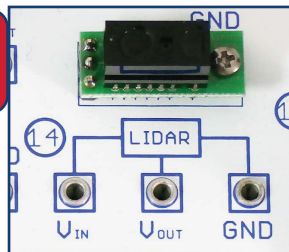
Solenoid



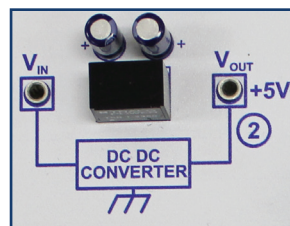
Hall Effect Rotary Sensor



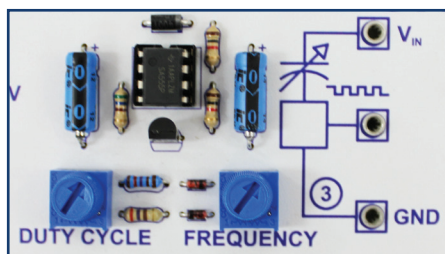
Lidar Sensor



5V DC - DC Converter



PWM Frequency Generator



Sensors & Actuators CBI Software (1830SC)

- The Sensors & Actuators CBI software (Model 1830SC) includes an Operations Manual containing instructions for the CBI software and a detailed description of the fault capabilities
- The Classroom Management Program (CMP) is required for the 1830SC software to operate and is sold separately

Coming Soon