ATech Training™

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 19 different faults and 3 disrupted signal patterns, and it connects with the Interactive Keypad (model 1802C), CBI Software (model 1830SC), 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.

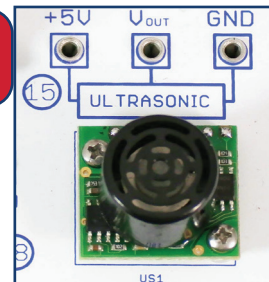**Sensors & Actuators (1830)**

Components

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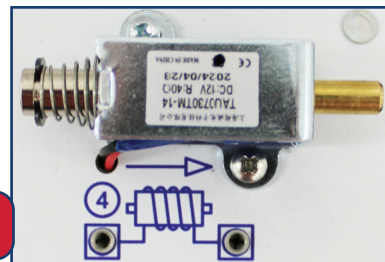- On/Off Hall Effect Sensor
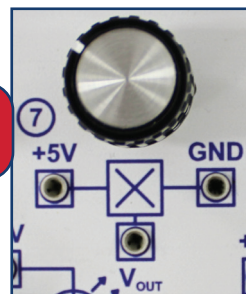- Toggle Push Button Switch
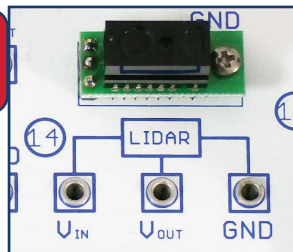
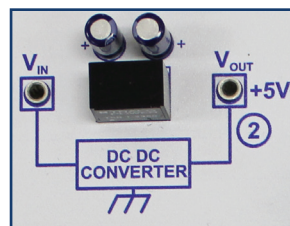**IR Emitter/ Receiver**
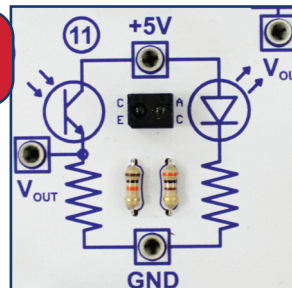
Ultrasonic Sensor

Solenoid

Hall Effect Rotary Sensor

Lidar Sensor

5V DC - DC Converter

PWM Frequency Generator
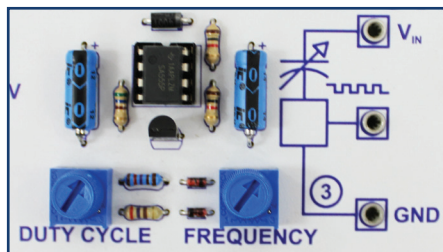
Sensors & Actuators CBI Software (1830SC)

Coming Soon

- 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

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