

## Temperature

### Digi-Sense® Benchtop Variable-Voltage Output Controller

Get better control of non-adjustable heaters

- Manually control tapes, cards, and more via dial
- Plug heater into back and set dial to desired voltage output

**What's included:** 6-ft (1.8-m), three-wire attached power cord and lattice support bracket.



#### Specifications

**Control output:** Proportional voltage control      **Ramp/soak:** None  
**Alarm output:** None      **Recorder output:** None

Input type	Range	Load ratings	Power (60 Hz)	Catalog number	Price
None	5 to 100% of rated voltage	1200 watts resistive, 10 amps	120 VAC	<a href="#">GH-36225-59</a>	

[GH-17101-63](#) NIST-traceable recalibration with data

### Digi-Sense® Variable-Time Power Controller

Easily control output wattage to a resistive load

- Turns the output load on and off and then repeats the cycle
- Each position on the knob from low to high represents a specific cycle time where the "on" time ranges from 6 to 100 percent
- Use to regulate the temperature of resistive loads

**What's included:** Model 36225-91 has a 6-ft (1.8-m) cord with US plug; model 36225-92 has a 4-ft (1.2-m) cord without plug.



#### Specifications

**Control output:** Percent timer      **Ramp/soak:** None  
**Alarm output:** None      **Recorder output:** None

Input type	Range	Load ratings	Power (60 Hz)	Catalog number	Price
None	6 to 100% of time	1440 watts resistive 2400 watts resistive	120 VAC 240 VAC	<a href="#">GH-36225-91</a> <a href="#">GH-36225-92</a>	

### Digi-Sense® Temperature Controller with Timer

Program up to three start/stop times

- Control time and temperature for heating equipment
- Display time and temperature
- Battery back-up saves programs

**What's included:** relay, 3½-ft relay cable, 3½-ft (1.0-m) sensor cable with integral sensor, calibration document supplied by manufacturer, and two AAA batteries.



Relay accepts a US standard three-prong plug



#### Specifications

**Range:** Time: 1 sec to 23 hr, 59 min, 59 sec  
 Temperature: -4 to 140°F (-20 to 60°C)  
**Resolution:** Temp: 0.1°F/°C; Time: 1 sec  
**Accuracy:** ±1.8°F (±1°C)  
**Control output:** relay rated for 115 VAC, 1800 W, 15 A  
**Sensor:** integral (in cable)

Power (50/60 Hz)	Catalog number	Price
115 VAC or two AAA batteries (included)	<a href="#">GH-94460-45</a>	

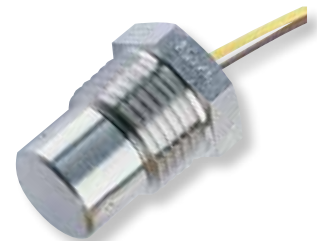
[GH-09376-00](#) Replacement batteries, AAA. Pack of 12

[GH-17101-63](#) NIST-traceable recalibration with data

### Temperature Switches

Control temperatures or safety shutoff

- Operate up to 1000 psi
- Easy to install—no shock mounts and very little wiring
- Stainless steel housing threads into any ½" NPT opening



#### Specifications

**Repeatability:** ±3°F (±2°C) at standardized conditions  
**Control rating:** SPDT switch rated for 28 VDC or 120 VAC, 5 A max, resistive, 3 A max, inductive; 220 VAC, 5 A max, resistive. 50,000 cycles  
**Dead band:** 15°F, ±5°F (8°C, ±3°C), nonadjustable  
**Electrical connections:** 3 wires, 12" (30.5 cm) L, 20 AWG stranded, PTFE insulation

Temperature trip point	Catalog number	Price
100°F (38°C)	<a href="#">GH-93880-52</a>	
125°F (52°C)	<a href="#">GH-93880-54</a>	
150°F (66°C)	<a href="#">GH-93880-56</a>	
200°F (93°C)	<a href="#">GH-93880-58</a>	
250°F (121°C)	<a href="#">GH-93880-62</a>	