

Audible Alarm For Controllers with Relay Outputs



70A-1, \$20, shown larger than actual size.



70A-1, shown with the CN77332 controller, \$229. See page P-40 for more information.



Mounts in a 28.58 mm (1/8") dia. cutout.

70A Series Starts at **\$20**



books1.com
omega.com

GKQSS-316G-12 low-noise thermocouple probes, \$28. See page A-53.

MOST POPULAR MODEL HIGHLIGHTED!

- ✓ Loud Tone— 95 dB @ 2900 Hz
- ✓ Solid State Reliability, No Arcing or Mechanical Wear
- ✓ Easy to Install

OMEGA® Series 70A temperature alarms are the latest development in solid state sound production. When power is applied, a piezoelectric transducer operates as a solid state oscillator resulting in a loud, audible alarm tone.

OMEGA® temperature alarms are designed to give years of trouble-free service. There is no arcing or mechanical wear, and they are rugged and easy to install. Only a 1/8" diameter hole is required for mounting by removing the front plastic nut, inserting unit and rethreading. Units are easy to operate. Simply connect to a temperature controller and 120 Vac power supply.

Specifications

Surge Voltage: 20% over maximum rated voltage applied for <1 minute

Continuous: 100 hours continuous operation at 65°C with maximum rated voltage applied

Intermittent: A duty cycle of 1 minute on, 5 minutes off, a minimum of 5000 times at room temperature with maximum rated voltage applied

Life Expectancy: 5 years under normal operating conditions

Storage Temperature: -40 to 85°C (-40 to 185°F)

Operating Temperature: -30 to 65°C (-22 to 149°F)

Humidity: Series 70A temperature alarms will operate after having been subjected to 95% relative humidity at 40°C continuously for 100 hours; after removal from high humidity, the unit should be allowed to dry for a minimum of 4 hours at room temperature before operation

To Order (Specify Model No.)

Model No.	Tone Price	Sound Type	Level
70A-1	\$20	Continuous tone	95 dB @ 2900 Hz
70A-2	24	Fast pulse tone	
70A-3	24	Slow pulse tone	
70A-4	24	Warble tone	

Accessory

Model No.	Price	Description
FW-338	\$99	Reference Book: The Automation, Systems, and Instrumentation Dictionary

Comes with complete operator's manual.

To order with 220 Vac power, add suffix "-220V" to model number; no additional charge.

Ordering Examples: 70A-3-220V, audible temperature alarm taking 220 Vac power and emitting a slow pulse tone, \$24. 70A-1, continuous tone alarm, \$20.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters