

NU-30

High Temperature Alarm LCD Thermometer



This thermometer can be used to keep either products or an area below a certain temperature.

The high temperature alarm alerts personnel to a high temperature condition, protecting temperature sensitive equipment and operations. When the temperature rises to the set point, the display flashes and an audible alarm sounds. On units with a relay output, the contacts will close. When the temperature falls below the alarm set point, the alarm will cease. To cancel the alarm, pressing the cancel button on the front of the unit will interrupt the audible output for approximately 2.5 hours. And for units with a relay output, the contacts will open. However the display continues to flash as long as the alarm condition is present.

The heavy duty stainless steel face plate protects the unit from mechanical shock and abuse, and is designed to blend visually with other stainless steel equipment. The thermometer can either be mounted directly to the monitoring site or remotely, up to 250 feet away.

Specifications:

Power: 12 to 16 volts AC or DV at 250mA, 50/60 Hz

Accuracy: $\pm 2^{\circ}\text{F}$, ± 1 digit at $\pm 40^{\circ}\text{F}$ around calibration point

Resolution: $\pm 1^{\circ}\text{F}$

Temperature Range: -40°F to 240°F

Alarm Set Point Range: -10°F to 220°F

Operating Temperature Range: -0°F to 140°F

Alert Sound Level: 80-90 dba at 4 in, 2.5-3.5 kHz

Output Range: Form A Contact, 1A at 250 VAC

NUoTemp

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