

FreezeAlert™

SENSITECH

Clear and precise temperature indication for freeze-sensitive goods

The validated alternative to chemical freeze indicators

Enable immediate accept-reject decision making for freeze-sensitive pharmaceuticals with the accuracy and reliability of an electronic temperature indicator.

- One low, single-event, factory-set alarm
- Custom time and temperature threshold alarm settings tailored to your specific product needs
 - Temperature threshold value from -5°C to $+5^{\circ}\text{C}$ (23°F to 41°F)
 - Time threshold values 0, 15, 30 or 60 minutes
- Easy-to-read digital display enables unambiguous decision making
- Accuracy tested to NIST® traceable standards for quality assurance
- Designed for single-use monitoring applications up to 36 months
- Field activated via integrated start button
- Requires no pre-conditioning or controlled shipping/storage conditions prior to start
- World Health Organization PQS IN03 pre-qualification



Reliable
Accurate
Validated

Specifications

Operating Range	-20 to 55 °C (-4 to 131°F)
Operating Life	90 day or 36 month models
Shelf Life	12 months prior to activation
Accuracy	±0.5°C from -6.5°C to 6.5°C ±0.9°F from 20°F to 44°F
Alarm Setting	-5.0°C to 5.0°C in 0.5°C increments 0, 15, 30, or 60 minutes (Single Event)
Size, Weight	51.5 mm x 35 mm x 10 mm , 14g 2.0" x 1.4" x 0.4", 0.5 oz.
Display (Liquid Crystal)	"√" if activated and no alarm triggered "X" if activated and alarm is triggered
Startup Delay	None
Measurement Interval	1 minute
Enclosure Protection	IP64 (per IEC529)
Activation	Momentary switch, 3 second contact



How FreezeAlert™ Indicators Work

Each FreezeAlert™ indicator is factory-set with a low single event time/temperature alarm tailored to the unique requirements of your product.

The alarm is triggered if the temperature remains below the threshold setting for a continuous time period exceeding the time threshold setting.



Not alarmed



Alarmed

As the world's leading provider of cold chain visibility solutions, Sensitech Inc., a part of Carrier Transicold, enables global leaders in the food, life sciences, and industrial markets to track and monitor assets across the supply chain in order to protect the integrity of temperature-sensitive products. Sensitech is an ISO 9001:2008 company based in Beverly, Mass., with more than 30 sales, service and distribution locations around the world. Sensitech and Carrier Transicold are a part of UTC Climate, Controls & Security, a unit of United Technologies Corp., a leading provider to the aerospace and building systems industries worldwide. Visit www.sensitech.com for additional information. © 2012. Sensitech Inc. All Rights Reserved. Unless otherwise indicated, all trademarks and service marks are the property of Sensitech Inc. NIST is a registered trademark of The National Institute of Standards and Technology Agency of the United States Government.