

---

---

# N5-10X - NON-INDICATING HIGH TEMP. LIMIT DEVICE

---

## Description

This unit is designed to operate in conjunction with a primary temperature controller to provide positive safety shutdown of industrial heating systems.

The instrument also contains a fail-safe feature in the event temperature drops below normal ambient because of accidental severance of sensing bulb or capillary. This instrument has manual reset, internal-switch actuation adjustment and is available with any temperature ranged element from -30°F to 1100°F. CSA and FM listed. *Agency recognition is void if instrument is modified from factory standard.*

## Operation

Switches are set at designated temperatures by removing the front cover and adjusting setting of switch actuating screws on the lever arms. The element failure switch is usually set at ambient temperature.

Adjustment is made by reference to a test thermometer of known accuracy, its probe placed adjacent to the thermal sensing bulb in the controlled medium.

## Specifications

Dimensions	5 7/16" W x 5 1/8"H x 2 3/16" D
Mounting	Surface only. Brackets integral part of instrument.
Electrical Rating	15 amps, 125 or 250 AC only.
Number of Switches	One element failure (low temp. limit), one high limit safety switch, manually resettable.
Electrical Hookup	Terminal block in conduit outlet box.
Conduit Openings	1/2" NPT fittings on each side of conduit box.
Agency Listings	CSA and FM.
Warranty	One year, see page 80 for details.
Approx. Net Weight*	3 lbs.
Approx. Ship. Weight*	6 lbs.

\*Weight may vary depending on element length.

## How to Order

The proper ordering number for the N5-10X is NS00056.

Next consult element selection matrix, page 62. The N5-10X requires a solid (B-Type) element plunger (Code 53 or 54). High ambient temperature head assembly (Code 53) is used when the instrument will be located in ambient temperatures between 32°F but not greater than 150°F. Low ambient head assembly should be called out (Code 54) when instrument will be located in ambient temperatures between -30°F and 125°F.

## Sample Order:

Description	Required Number
N5-10X	NS00056
with element	113530520 (from page 62 and 63)

For pricing see Form 3028, Mechanical Price Book, page 15.

