
N79-79 - NON-INDICATING TEMPERATURE CONTROL

Description

This unit is a two-switch, non-indicating temperature control with unlimited differential setting capabilities between switches. It is used where two fixed temperatures are specified as control points and where a change or adjustment of those points is seldom required. UL and CSA listed.

Operation

Temperature setting on the N79-79 may be set by the factory or the end user by adjusting screws inside the control case in conjunction with an accurate temperature-sensing device placed adjacent to the thermal sensing element.

Due to the construction of the instruments, the switches are held in a depressed position and revert to their normal, or free state, in response to a temperature increase.

Therefore, as a mechanism function in this control, a normally open two-wire switch, or the normally open side of a three-wire switch, operates as a normally closed circuit when the bulb temperature is below set point.

Specifications

Dimensions	5 7/16" W x 5 1/8"H x 2 3/16" D
Mounting	Surface only. Brackets integral part of instrument.
Switch Differential (between switches)	0 to 100% of element range.
Electrical Rating	50VA inductive, 500VA non-inductive, 250 VAC maximum.
Electrical Connections	24" pigtail connection located in top conduit box. Connections made using wire nut connection. Switches are labeled 1 & 2, the wiring from the switches are color coded. Red - common, Blue, normally closed, White - normally open.
Conduit Openings	1/2" NPT fittings on each side of conduit box.
Agency Listings	UL and CSA.
Warranty	One year, see page 80 for details.
Approx. Net Weight*	2 1/4 lbs.
Approx. Ship. Weight*	5 1/2 lbs.

*Weight may vary depending on element length.

How to Order

The proper ordering number for the N79-79 is NS00207.

Next consult element selection matrix, page 62. The N79-79 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:

<u>Description</u>	<u>Required Number</u>
N79-79	NS00207
with element	109530520 (from page 62 and 63)

For pricing see Form 3028, Mechanical Pricing Book, page 17.

