

LF15-79 INDICATING CONTROLLER



BASIC LF15-79 MODEL

#73 switch is available in place of #79.
It must be ordered separately and installed in the field.
#73 Close (1/2%) Sensitivity 64403018

ACCESSORIES

Description	Code
None	0
201 Weather Resistant (requires inverted scale)	1

HOW TO ORDER

First select the proper ordering number for the LF15-79 unit. Next consult element selection matrix, see Page 62. Select dial part number, see page 65, and specify as a separate line item. The dial selected must correspond to specific range of sensing element selected. The LF15-79 instrument requires a hollow (L-Type) element plunger (code 51 or 52). High ambient temperature head assembly (code 51) is used when the instrument will be located in ambient temperatures between 32°F but not greater than 150°F. Low ambient assembly should be called out (code 52) when the instrument will be located in ambient temperatures between -30°F and 125°F. If the solution the sensing bulb is being immersed in is of a corrosive nature, see Form 3052, "Guide for use in Corrosive Applications".

Sample Order:

Description	Required Number
LF15-79 Unit	LF010
with Dial	00601739 (from page 65)
with element	109510520 (from page 62 and 63)

For pricing see Form 3028, Mechanical Price Book, page 11.

ABOUT THIS INSTRUMENT

Indicating
Controls

Description

This controller incorporates two switches which operate in fixed relationship to the temperature setting. Differential between switch settings is adjustable up to 5% of scale range. Unit is UL and CSA listed. Flush or wall mount, two three-wire circuits and seventeen optional ranges within -30°F to 1100°F.

Operation

The two single snap-acting switches are mounted on a common setting arm (red pointer) and activated by the same temperature-responsive mechanism which moves the indicating pointer.

First to be actuated on a temperature rise is the leaf-type #15 switch. The second, a pin type switch #79, is actuated only when the indicated temperature exceeds the operation of the first switch.

Switches are mounted one behind the other, each having its own circuit. Temperature actuation points between the two switches (differential) is adjustable from 0 to 5 percent of scale range with tolerance on switch settings $\pm 1/2\%$. Unless otherwise requested, differential is approximately 1% of scale.

Specifications

Dimensions	8 5/8" W x 8"H x 4 9/32" D
Panel Mount Cutout	7" W x 7 3/4" H
Surface Mounting	Mounting brackets included.
Switch Type	Two 3-wire SPDT.
Switch Sensitivities	Normal 1% of range (factory standard #79 switch). Super Sensitive 1/2% of element range (optional #73 switch).
Switch Differential (between each switch)	0 to 5% of element range.
Electrical Connection	Terminal block accessible through top cover hatch.
Conduit Openings	1/2 inch NPS holes on each side of the case for 1/2" conduit fitting; drill guide hole spotted in the rear of the case showing optional rear opening locations.
Electrical Rating	50VA, inductive; 500VA, non inductive; 250V maximum AC only. (each switch individually)
Agency Listings	UL and CSA.
Warranty	One year, see page 80 for details.
Approx. Net Weight*	5 lbs.
Approx Ship. Weight*	7 lbs.

