

# LFV4 EXPLOSION-PROOF CONTROL

L F 0 5 0

## BASIC LFV4 MODEL

## ACCESSORIES

Description	Code
None	0

Note: This unit is UL listed but agency recognition is void if instrument is modified from factory standard.

## HOW TO ORDER

First select the proper ordering number for the LFV4 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 LFV4 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 head 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
LFV4 Unit	LF050
with Dial	00601739 (from page 65)
with element	109510520 (from page 62 and 63)

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

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# ABOUT THIS INSTRUMENT

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**Indicating  
Controls**

## **Description**

Explosion proof controller. All electric wiring and switching in this unit is isolated atop the control body in approved enclosures. It is UL listed for use in Class 1, groups B, C, and D; and Class 2, Groups E, F, and G locations.

## **Operation**

Control point is positioned by the cover knob located on the instrument cover.

The snap-acting switch, located atop the instrument in a separate UL listed explosion-proof enclosure, is operated by the indicating pointer which moves in response to the expansion and contraction of the sensing element. When they align with the set pointer, the switch opens or closes the circuit.

## **Specifications**

Dimensions	8 5/8" W x 10 3/16"H x 4 9/32" D
Flush Mount Cutout	7" W x 7 3/4" H
Surface Mounting	Mounting brackets included.
Switch Type	SPDT #4 explosion proof switch.
Electrical Rating	50VA inductive, 500 VA non-inductive.
Electrical Hookup	Front of switch enclosure, removable for terminal access.
Conduit Openings	Threaded 1/2" NPS hole in right side of switch enclosure.
Agency Listing	UL
Warranty	One year, see page 80 for details.
Approx. Net Weight*	8 lbs.
Approx Ship. Weight*	11 lbs.

\*Weight may vary depending on element length.

