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DataSwitch™ Remote Relay Controller



LC52-1001 Shown

Application

The general purpose controller provides single tank level indication with 2 relays, 1-3 set points and an isolated 4-20 mA repeater. Relay 1 is configurable on a single set point. Relay 2 can be configured on a single set point or latched on two set points for automatic fill or empty control. A LED bar graph indicates the level as a percentage of measured span.

Features

- 3.5 digit LED display indicates level in custom engineering units
- EasyCal push button calibration for span, display and relay set points
- Fail-safe design with security lock out calibration for process safety
- PP 35 mm DIN enclosure with removable terminal strips

Specifications

Display type:	LED, 3.5-digit
Display units:	Engineering
Display output:	0-999
Input channel:	(1) 4-20 mA
Supply voltage:	120/240 VAC, 50-60 Hz.
Memory:	Non-volatile
Sensor supply:	28 VDC @ 5 watts
Repeater output:	4-20 mA, 12-36 VDC
Contact type:	(2) SPDT relays (1 latching)
Contact rating:	250 VAC @ 10A
Contact output:	Selectable NO/NC
Operating temp:	F: -40° to 158° C: -40° to 70°
Enclosure material:	PP
Enclosure type:	35 mm type
Classification:	General purpose



LM94-1001
Shown

Part Number

- LC52-1001

LC52-1001 (1) (2) (3) (4)

Ordering Notes

- 1) To factory configure for 240 VAC, place an E at the end of the P/N: (ie: LC52-1001-E).
- 2) To order the CE configuration, place CE at the end of the P/N: (ie: LC52-1001-CE).
- 3) To factory configure to sinking for use with a sourcing three-wire transmitter, place SINK at the end of the P/N: (ie: LC52-1001-SINK).
- 4) For field mount installation in a NEMA 4X polycarbonate windowed enclosure, order the LM94-1001 (single controller box) or the LM95-1001 (two controller box).

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