

Application



Features

- 3.5 digit LED display indicates level in custom engineering units
- Fail-safe relay control of pumps or valves with 0-60 second delay
- Easy set up with push button calibration for span, display and relay set points
- 35 mm DIN rail mount polypropylene enclosure with removable terminal strips
- Invert switch changes relay state from NO to NC without rewiring

Compatible Products



The general purpose controller provides single tank level indication with 2 relays, 1-3 set points and an isolated analog 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. Package the controller with any of our level transmitters. The NEMA 4X polycarbonate enclosure is a great choice for field mount installations and comes complete with a DIN rail mounting kit.

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Key Benefits

- Simple controller for operating 2 alarms or 1 auto fill/empty with alarm
- Bar graph provides instant confirmation of transmitter's operational performance
- Lock-out feature prevents inadvertent button pushing from changing settings



Specifications	Dimensions
Display type:LED, 3.5 digitDisplay units:EngineeringDisplay output:0 to 999LED indication:Power & relayLED bar graph:Span and set pointsMemory:Non-volatileSecurity:Set point lock outConfiguration:Push buttonAlarm indication:Amber: < 4mA	3.6" (92mm) 3.1" (79mm) 3.1"
Red: > 20 mA	Accessories
Sensor input: (1) 4-20 mA Supply voltage: Selectable 120 / 240 50-60 Hz	/AC For enhanced flexibility and performance, use the below recommended accessories.
Sensor supply:24 VDC @ 1.5 wattsLoop power:4-20 mA, 18 VDCConsumption:5 watts maximumContact type:(2) SPDT relays (one latching)	P/N Description Single & Two Controller NEMA Box LM94-1001 Single Controller, Windowed, 35mm Rail, Polycarbonate LM95-1001 Two Controller, Windowed,
Contact rating:250 VAC @ 10AContact output:Selectable NO / NCContact latch:Selectable ON / OFFContact delay:0-60 seconds	35mm Rail, Polycarbonate
Repeater output: 4-20 mA, 12-36 VDC Ambient temp.: F: -40° to 158° C: -40° to 70°	
Enclosure type: 35mm DIN rail (EN 5 Enclosure mat.: PP, UL94VO Classification: General purpose Compliance: CE	022)
Ordering	

LC52-1001 (1)

Notes

 For field mount installation in a NEMA 4X windowed polycarbonate box, order the LM94-1001 (single controller) or the LM95-1001 (two controller) enclosure.