CALL TOLL FREE 877-742-2878 FOR SALES AND SUPPORT. CLICK HERE TO RETURN TO WEBSITE

DataView™ LI55

Level Controller

FLOWLINE™
LEVEL BEST

Application

The general purpose AC or DC powered level controller displays engineering units with one 4-20 mA level transmitter input and is offered in three configurations with optional 2 or 4 programmable relays, and an isolated 4-20 mA repeater. Each relay can be configured on a single set point (high level alarm or low level alarm) or latched on two set points for automatic fill or empty in simplex (one pump or valve) or duplex (two pumps) level control modes.



Features

- LED main display and secondary unit display with relay status
- Easy configuration via the push button display module
- DIN enclosure with NEMA 4X faceplate and shallow case
- Isolated power supply to sensor with optional 4-20 mA repeater
- Non-volatile memory with security password protection
- 32-point linearization function for volumetric measurement

Key Benefits

- Capable of displaying units in gallons, liters, inches, feet, meters or percent of liquid
- Add 2 or 4 relays to control tank pumps, valves or alarms
- Add repeater output to repeat the 4-20 mA signal to another PLC, SCADA or display
- Available in AC or DC powered configurations

Compatible Products



LG10/LG11
ECHOWAVE®
Guided Wave Level Transmitter



LU28
ECHOSONIC®
Ultrasonic Level Transmitter



DL14
ECHOPOD®
Ultrasonic Level Transmitter



LU83
ECHOSPAN®
Ultrasonic Level Transmitter



LR15
ECHOPULSE®
Pulse Radar Level Transmitter

DataView™ LI55

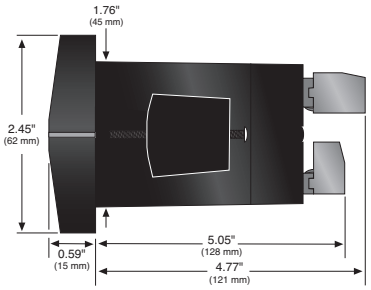
Level Controller

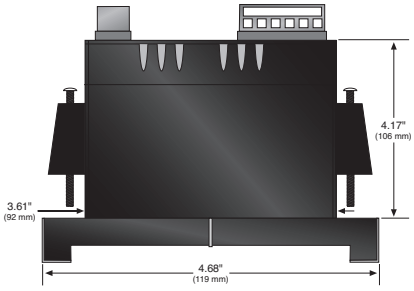
FLOWLINE™
LEVEL BEST

Specifications

Display type:	LED, 6-digit
Display units:	Engineering
Display output:	-99999 to 999999
Display height:	Main: 0.6” (15mm)
	Secondary: 0.46” (12mm)
Decimal point:	Floating
LED indication:	Relay status
Configuration:	Push button
Memory:	Non-volatile
Linearization:	2-32 point function
Sensor input:	(1) 4-20 mA or 0-10 VDC
Supply voltage:	-1_ _1: 85-265 VAC @ 50-60 Hz
	-8_ _1: 12-24 VDC ±10%
Consumption:	VAC: 20 watts max.
	VDC: 15 watts max.
Sensor supply:	24 VDC ± 5% @ 200 mA
Repeater output:	4-20 mA, 24 VDC ± 5%
	@ 40 mA supply
Contact type:	-12_1: (2) SPDT relays
	-14_1: (4) SPDT relays
Contact rating:	3A @ 30 VDC, 250 VAC
	resistive load
Ambient temp.:	F: -40° to 149°
	C: -40° to 65°
Enclosure type:	1/8 DIN, panel mount
Enclosure rating:	NEMA 4X (IP65) faceplate
Enclosure mat’l:	Polycarbonate
Classification:	General purpose
Compliance:	CE
Approvals:	UL, cULus listed,
	E160849, 508 industrial
	control equipment

Dimensions





Accessories



P/N	DESCRIPTION
LM92-1002	Single indicator windowed, 1/8 DIN, PC



LM92-2002	Two indicator windowed, 1/8 DIN, PC



LI56-1011	4-20 mA repeater card
LI56-1201	2 relay card
LI56-1211	2 relay with 4-20 mA repeater card
LI56-1401	4 relay card
LI56-1411	4 relay with 4-20 mA repeater card

Ordering

LI55 - ☐ ☐ ☐ 1

SUPPLY VOLTAGE

- **1** 85-265 VAC
- **8** 12-24 VDC

CONFIGURATION (1) (2)

- **0** Meter only
- **2** Meter with 2 relays
- **4** Meter with 4 relays

REPEATER CONFIGURATION

- **0** No repeater
- **1** 4-20 mA repeater

NOTES

1) For field mount installation in a NEMA 4X, polycarbonate windowed enclosure, order the single or two indicator box.
2) Expansion cards may be purchased separately to replace or expand the capability of the controller.