

Ultrasonic Level Transmitter, Indicator, Controller



Description

The E&H FMU 860 is designed for simple installation and maintenance. The transmitter offers a LCD display, 4-20mA output, relay control outputs and a standardized easy-to use operator interface. A fuzzy logic implementation manager in the transmitter smoothly combines sophisticated signal processes that will automatically adapt to changing conditions. Also includes a patented tank mapping technique that digitizes and eliminates unwanted echoes from fixed reflective surfaces such as ladders, rail mounts and other obstructions.

Note: Ultrasonic level systems may not work in applications with excessive foam, gas vapors, pressurized vessels and other conditions that effect sound travel.

Part Number	Description	Price
	Transmitter	
L-800-FM86	Level / Transmitter	
	Sensor	
L-800-FD80	Sensor, Range 12" - 16'	
L-800-FD81	Sensor, Range 20" - 29'	
L-800-FD82	Sensor, Range 29" - 65'	
	Parts	
L-800-C000	Extra cable per ft	

Features:

- Non-contact continuous Level monitoring and control.
- Built-in pump sequencing for wet well applications.
- Liquid level measurements up to 65 ft.
- Simple installation, Easy to calibrate.

SPECIFICATIONS:

P/N# L-132-000, L-132-020

INDICATOR / TRANSMITTER / CONTROLLER

- Enclosure.....Nema 4X
- Power..... 90 to 146 VAC, 50/50 Hz
- Resolution..... 0.03" or 0.1% span (which is greater)
- Display..... 4 ½ digit LCD with bar graph & matrix position.
- Indicators..... yellow or green LED for relay Operation
- Data Entry..... Keypad
- Output..... 4-20mA
- Relays..... 3 SPDT, 4 amp @250 VAC
- Op Temp..... -4 to 140⁰ F

Sensor P/N# L-800-FD80, FD81, FD82

- Range..... Max in liquid
FD80 16ft, FD81 29ft, FD82 65ft
- Blocking distance FD80 12 in, FD81 20in, FD82 29 in
- Beam angle..... 8⁰
- Op Frequency.... FD80 58 kHz, FD81 44 kHz, FD82 29 kHz
- Mounting..... 1" NPT(M)
- Housing Polypropylene
- Cable length..... (std) 16 ft, extra optional

For more Information reference:

- Installation L-800-FM86-OM
- Recorder Data Sheet R-118-500

Data Sheet L-800 rev 2.10.04

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