

**ICON**  
PROCESS CONTROLS  
ITC-250B Series Battery  
Powered Level Display



# ICON PROCESS CONTROLS ITC-250B Series Battery Powered Level Display Instruction Manual

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**ICON PROCESS CONTROLS ITC-250B Series Battery Powered Level Display**



## Specifications

- **Power Supply:** Battery Powered
- **Display:** Large Bright LCD Display
- **Displayed Values:** Customizable for tank levels
- **Input:** 4-20mA
- **Accuracy:** High precision
- **Stability:** Reliable
- **Operating Temp:** Suitable for various environments
- **Storage Temp:** Ideal storage conditions
- **Protection Class:** NEMA 4X
- **Case Dimensions (WxNxH):** Varies by model

## Product Usage Instructions

### Programming Display Steps:

1. **Main Display:**
  - Press and hold both buttons.
2. **Low-Level Value:**
  - Press once.
3. **High-Level Value:**
  - Press for 2 seconds.
  - Enter the high-level value.

### Wiring Diagram:

Refer to the wiring diagram for proper installation of the device based on the model you have.

## Dimensions:

Check the dimensions of your specific model for proper placement and installation.

## FAQ

- **Q:** How do I change the battery on the ITC-250B Series?
  - **A:** To change the battery, follow the steps outlined in the user manual. Typically, you would need to remove the casing and replace the old battery with a new one of the same specifications.
- **Q:** Can I use the ITC-250B Series in outdoor environments?
  - **A:** Yes, the NEMA 4X high impact enclosure provides protection against environmental factors, making it suitable for outdoor use.
- **Q:** How do I customize the displayed values for tank levels?
  - **A:** Refer to the programming display steps in the manual to set and adjust the displayed values according to your tank levels.

## FEATURES














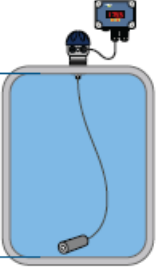






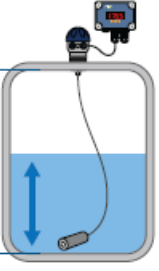
- Battery Powered
- Momentary or Adjustable Relay Timer \* NEMA 4X Enclosure
- LCD Display
- All Plastic – Corrosion Resistant

- All Cord Grips Included
- Simple Programming

## **SPECIFICATIONS**

- Power Supply 2600mAh Battery Powered
- Display LCD 4 x 20 mm High
- Displayed Values -999 – +9999
- **Input Current:** 4-20mA
- Accuracy 0.1% @ 25°C One Digit
- Stability 50 ppm °C
- Operating Temp -40 – 158°F (-40 – 70°C)
- Storage Temp -40 – 158°F (-40 – 70°C)
- Protection Class NEMA 4X IP67
- Case Wall Mounted Material – Polycarbonate
- Dimensions (WxNxH) 110 x 105 x 67 mm

## **PROGRAMMING DISPLAY**

STEPS	DISPLAY	ACTION	
#1 <b>Main Display</b> Press   <b>HOLD</b>	0000	<b>1st. Step</b> Press and Hold Both  	
#2 <b>Low Level Value</b> Press 1x 	SE-1 Low Value - 4mA = 0	<b>2nd. Step</b> Default Preset = 000.0 No need to change Press 	
#3 Press 2 sec 	SE-2	<b>3rd Step</b> In this screen press and hold  for 2 sec	
#4 <b>High Level Value</b> Enter High Level Value	1000 Enter Max Tank Value	<b>4th Step</b>   Change number to Desired value (Note: This value is your max tank level) Inches   Gallons   Liters	
#5 Press 2 sec to SAVE 	1000	<b>5th Step</b> Press  2 sec to SAVE	
#6 <b>Return to Main Display</b> Press   <b>HOLD</b>	SE-3	<b>6th Step</b> Press   & Hold Return to Main Display	
#7 <b>Main Display</b>	88.0 Current Level Value	<b>Finished</b> Current Tank Level	

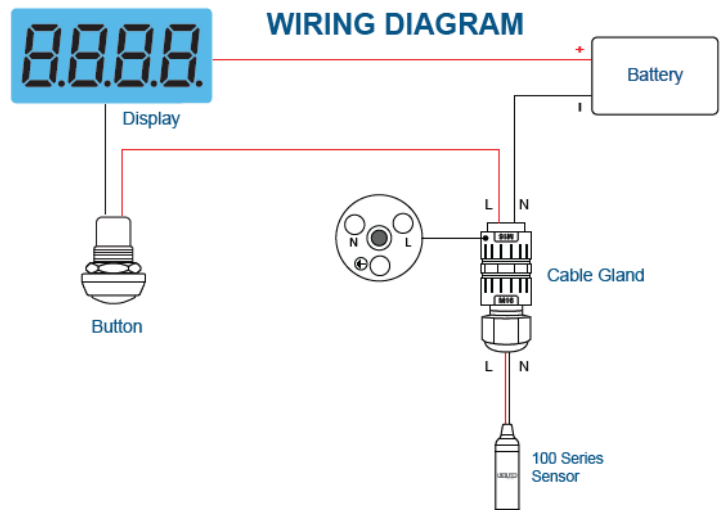
## PRODUCT INSTALLATION

## 250B-SO (Sensor Only)



### ORDERING

Part Number	Input	Battery Life
ITC250B-SO-4	4-20mA	4000 mA h
ITC250B-SO-8	4-20mA	8000 mA h

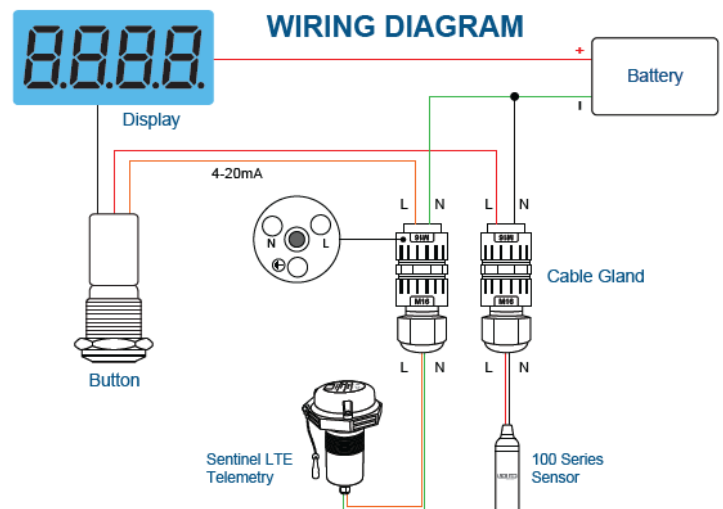


## 250B-ST (Sensor + Telemetry)



### ORDERING

Part Number	Input	Battery Life
ITC250B-ST-4	4-20mA	4000 mA h
ITC250B-ST-8	4-20mA	8000 mA h

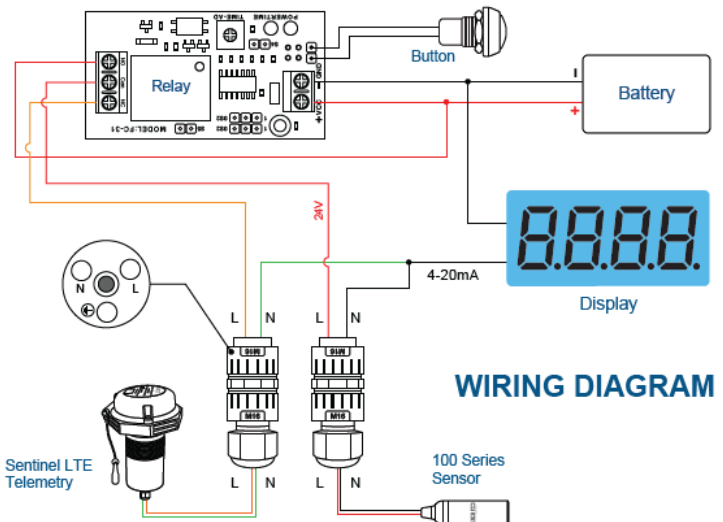


## 250B-SR (Sensor + Relay)



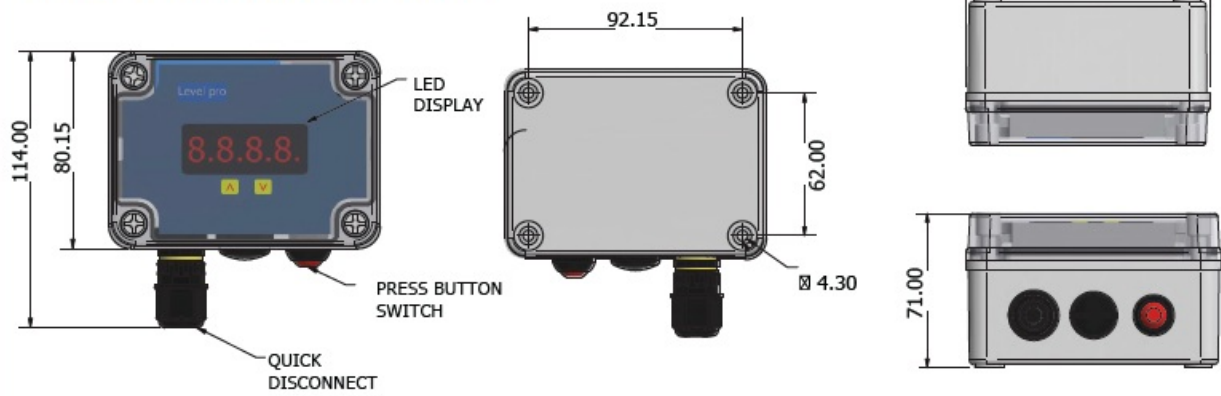
### ORDERING

Part Number	Input	Battery Life
ITC250B-SR-4	4-20mA	4000 mA h
ITC250B-SR-8	4-20mA	8000 mA h

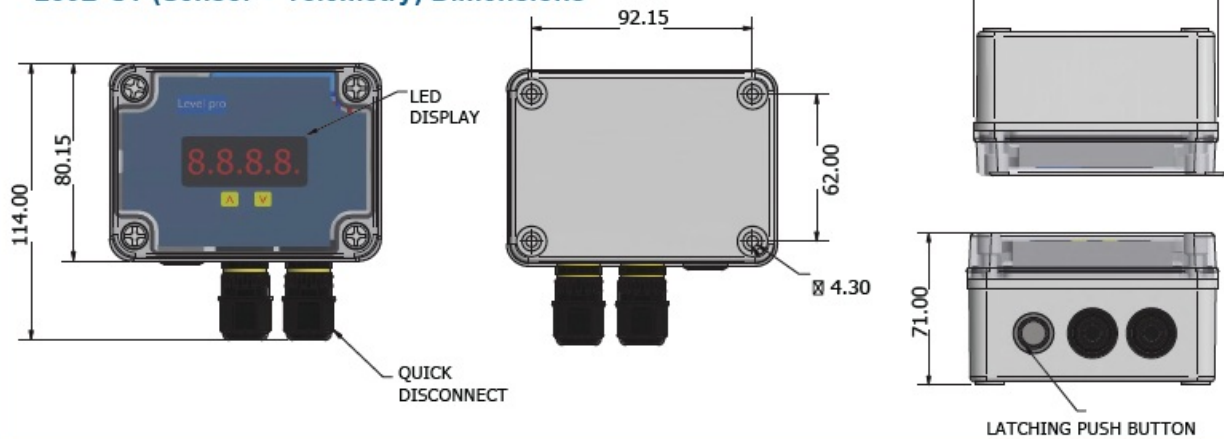


## DIMENSIONS

### 250B-SO (Sensor Only) Dimensions



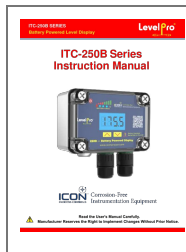
### 250B-ST (Sensor + Telemetry) Dimensions



## CONTACTS

- [www.iconprocon.com](http://www.iconprocon.com)
- [sales@iconprocon.com](mailto:sales@iconprocon.com)
- 905.469.9283

## Documents / Resources



**[ICON PROCESS CONTROLS ITC-250B Series Battery Powered Level Display](#)** [pdf] Instruction Manual

ITC250B-SO-4, ITC250B-SO-8, ITC250B-ST-4, ITC250B-ST-8, ITC250B-SR-4, ITC250B-SR-8, ITC-250B Series Battery Powered Level Display, ITC-250B Series, Battery Powered Level Display, Powered Level Display, Level Display

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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