



**250L Series
Liquid Level
Display**



ITC 250L Series Liquid Level Display User Manual

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ITC 250L Series Liquid Level Display



Product Specifications

- Display: LCD
- Displayed Values: 4-20mA
- Power Supply: 24VDC
- Accuracy: Not specified
- Operating Temperature: Not specified
- Storage Temperature: Not specified
- Body Material: Not specified
- Mounting: Not specified
- Protection Class: Not specified

Product Usage Instructions

Basic Requirements and User Safety

Ensure not to use the unit in areas threatened with excessive shocks, vibrations, dust, humidity, corrosive gases, and oils. Avoid areas with explosion risks, significant temperature variations, condensation, or ice exposure. The manufacturer is not responsible for damages due to inappropriate installation or usage contrary to its assignment. In case of a malfunction posing a safety threat, use additional systems for prevention.

Front Panel Description

- LCD Display
- Programming Buttons

Programming 4-20mA Steps

1. Main Display for 2 sec.
2. Display 4mA (Low Level) for 2 sec.
3. Show 4mA Value for 2 sec.
4. Display 20mA (High Level) for 2 sec.
5. Show 20mA Value for 2 sec.
6. Access Menu for 2 sec.
7. Main Display

FAQ

- **What should I do if the unit malfunctions?**
 - In case of a malfunction posing a safety threat, use additional systems for prevention and do not attempt to repair the unit yourself.
- **How can I return a defective product?**
 - To return a defective product, visit www.iconprocon.com and submit a customer return request form following the provided instructions.
- **Where can I find additional product documentation and technical support?**
 - For additional product documentation and technical support, visit
 - www.iconprocon.com or contact
 - sales@iconprocon.com or
 - support@iconprocon.com or call
 - Ph: 905.469.9283.

Quick Start



Symbol Explanation

This symbol denotes especially important guidelines concerning the installation and operation of the device. Not complying with the guidelines denoted by this symbol may cause an accident, damage or equipment destruction.

Basic Requirements | User Safety

- Do not use the unit in areas threatened with excessive shocks, vibrations, dust, humidity, corrosive gasses and oils.
- Do not use the unit in areas where there is risk of explosions.
- Do not use the unit in areas with significant temperature variations, exposure to condensation or ice.
- The manufacturer is not responsible for any damages caused by inappropriate installation, not maintaining the proper environmental conditions and using the unit contrary to its assignment.
- If in the case of a unit malfunction there is a risk of a serious threat to the safety of people or property additional, independent systems and solutions to prevent such a threat must be used.
- Do not attempt to disassemble, repair or modify the unit yourself. The unit has no user-serviceable parts.

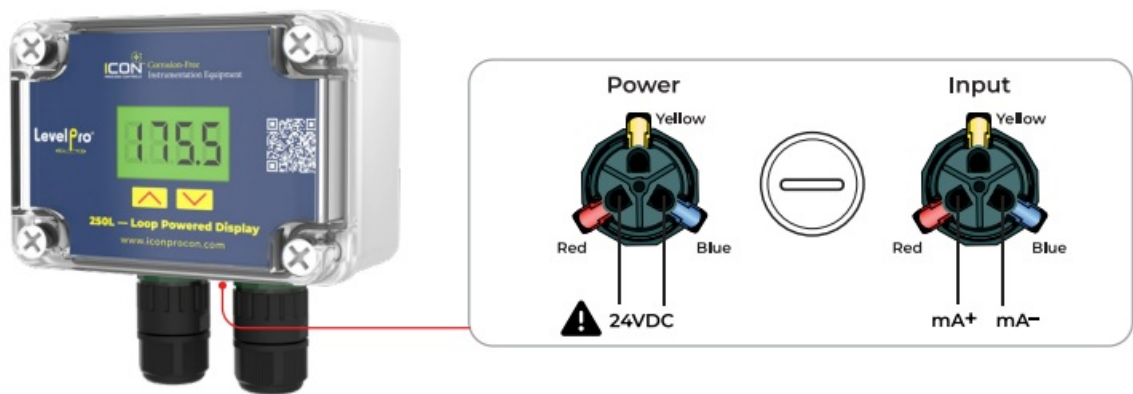
Front Panel Description



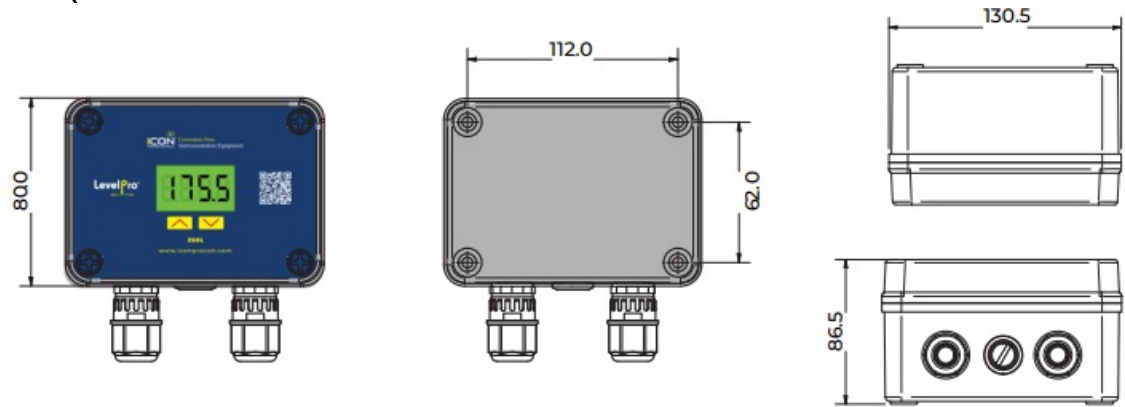
Specifications

Display	4 Digit Blue/Green Color LCD (38mm x 22mm)
Displayed Values	-999 ~ 9999
Power Supply	24VDC Loop Powered
Accuracy	0.1% @ 250°C
Operating Temperature	-20 - 158°F -29 - 70°C
Storage Temperature	-20 - 158°F -29 - 70°C
Body Material	Polycarbonate
Mouting	Wall Mount
Protection Class	NEMA 4X IP67

Wiring Diagram



Dimensions (mm)



Programming 4-20mA

STEPS	DISPLAY	OPERATION
1 Main Display		Main Display
2 4mA (Low Level)		4mA (Low Level) Settings
3 4mA Value		Enter 4mA (Low Level) Value Press to change digit Press to advance to next digit
4 20mA (High Level)		20mA (High Level) Settings
5 20mA Value		Enter 20mA (High Level) Value Press to change digit Press to advance to next digit
6 Menu		Main Menu
7 Main Display		Main Display

Warranty, Returns and Limitations

Warranty

Icon Process Controls Ltd warrants to the original purchaser of its products that such products will be free from

defects in material and workmanship under normal use and service in accordance with instructions furnished by Icon Process Controls Ltd for a period of one year from the date of sale of such products. Icon Process Controls Ltd obligation under this warranty is solely and exclusively limited to the repair or replacement, at Icon Process Controls Ltd option, of the products or components, which Icon Process Controls Ltd examination determines to its satisfaction to be defective in material or workmanship within the warranty period. Icon Process Controls Ltd must be notified pursuant to the instructions below of any claim under this warranty within thirty (30) days of any claimed lack of conformity of the product. Any product repaired under this warranty will be warranted only for the remainder of the original warranty period. Any product provided as a replacement under this warranty will be warranted for the one year from the date of replacement.

Returns

Products cannot be returned to Icon Process Controls Ltd without prior authorization. To return a product that is thought to be defective, go to www.iconprocon.com, and submit a customer return (MRA) request form and follow the instructions therein. All warranty and non-warranty product returns to Icon Process Controls Ltd must be shipped prepaid and insured. Icon Process Controls Ltd will not be responsible for any products lost or damaged in shipment.

Limitations

This warranty does not apply to products which: 1) are beyond the warranty period or are products for which the original purchaser does not follow the warranty procedures outlined above; 2) have been subjected to electrical, mechanical or chemical damage due to improper, accidental or negligent use; 3) have been modified or altered; 4) anyone other than service personnel authorized by Icon Process Controls Ltd have attempted to repair; 5) have been involved in accidents or natural disasters; or 6) are damaged during return shipment to Icon Process Controls Ltd reserves the right to unilaterally waive this warranty and dispose of any product returned to Icon Process Controls Ltd where: 1) there is evidence of a potentially hazardous material present with the product; or 2) the product has remained unclaimed at Icon Process Controls Ltd for more than 30 days after Icon Process Controls Ltd has dutifully requested disposition. This warranty contains the sole express warranty made by Icon Process Controls Ltd in connection with its products. ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The remedies of repair or replacement as stated above are the exclusive remedies for the breach of this warranty. IN NO EVENT SHALL Icon Process Controls Ltd BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND INCLUDING PERSONAL OR REAL PROPERTY OR FOR INJURY TO ANY PERSON. THIS WARRANTY CONSTITUTES THE FINAL, COMPLETE AND EXCLUSIVE STATEMENT OF WARRANTY TERMS AND NO PERSON IS AUTHORIZED TO MAKE ANY OTHER WARRANTIES OR REPRESENTATIONS ON BEHALF OF Icon Process Controls Ltd. This warranty will be interpreted pursuant to the laws of the province of Ontario, Canada. If any portion of this warranty is held to be invalid or unenforceable for any reason, such finding will not invalidate any other provision of this warranty.

For additional product documentation and technical support visit:

- www.iconprocon.com
- e-mail: sales@iconprocon.com
- or support@iconprocon.com
- Ph: 905.469.9283

Documents / Resources



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References

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