

Quick Start Manual



LevelPro® — ProScan®3 Series

Continuous Radar Level Sensor (80GHz)

Programming

STEPS	DISPLAY	OPERATION
<div>Home Screen</div> <div></div> <div>OK</div>	<div>192.5 IN</div> <div></div>	<div>Home Screen</div> <div>* Approx. 30 secs for the level reading to display</div> <div></div>
<div>1 Main Menu</div> <div></div> <div>OK</div>	<div>Main Menu</div> <div>► User Para.</div> <div>Factory Para.</div>	<div>STEP 1</div> <div>Select User Parameter ► Press </div>
<div>2 User Parameters</div> <div></div> <div>OK</div>	<div>User Para.</div> <div>► Basic Setup</div> <div>Measure Setup</div> <div>Backup Para.</div>	<div>STEP 2</div> <div>Select Basic Setup ► Press </div>
<div>3 Range Settings</div> <div></div> <div></div> <div>OK</div>	<div>Basic Setup</div> <div>► Range : 5000 mm</div> <div>Offset : 10 mm</div> <div>Pos 4ma: 0 mm</div>	<div>STEP 3</div> <div>Set Range ► Press </div> <div>• Range : Distance from Sensor Tip to Bottom of Tank.</div> <div>Note:</div> <div>■ Use to move cursor.</div> <div>■ Use to change digits.</div> <div></div>
<div>4 4-20mA Settings</div> <div></div> <div>ESC x 3</div> <div>to go back to Home Screen</div>	<div>Basic Setup</div> <div>Pos 4ma: 0 mm</div> <div>► Pos 20ma: 3000 mm</div> <div>Blind: 100 mm</div>	<div>STEP 4</div> <div>Set 4mA ► Press </div> <div>• 4mA : Low Level Default = 0</div> <div>Set 20mA ► Press </div> <div>• 20mA : High Level Should be lower than Range</div> <div>Note:</div> <div>■ Use to move cursor.</div> <div>■ Use to change digits.</div> <div></div>

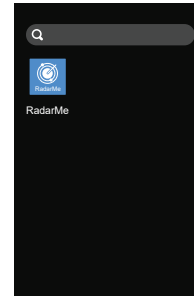
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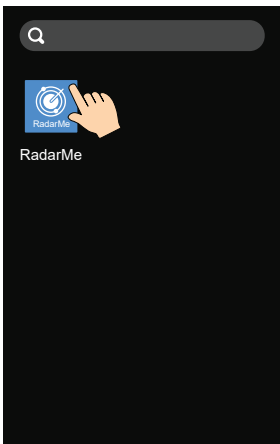
ICON™ PROCESS CONTROLS
Corrosion-Free
Instrumentation Equipment™

Bluetooth Application Settings

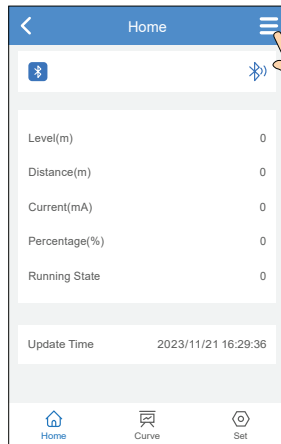
Install RadarMe App in your Device



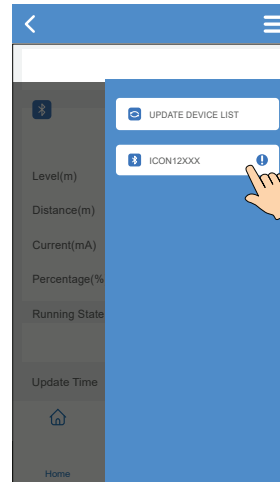
Make sure your Device Bluetooth is ON



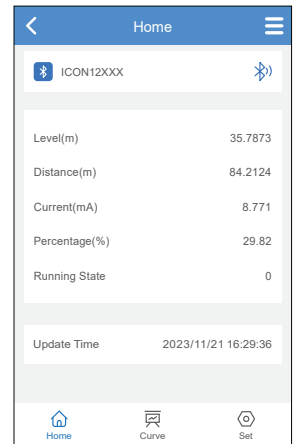
Open RadarMe App
in the Device



Click
Device List Menu

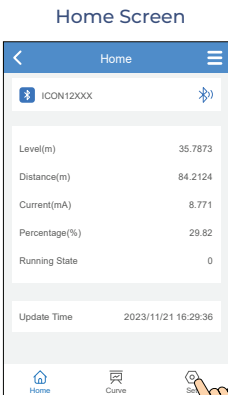


Select **ICON12XXX** from the List

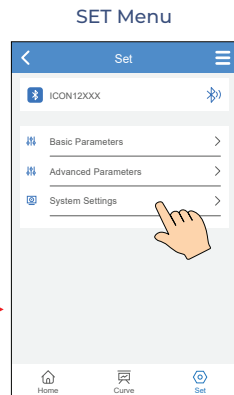


ProScan3 Connected

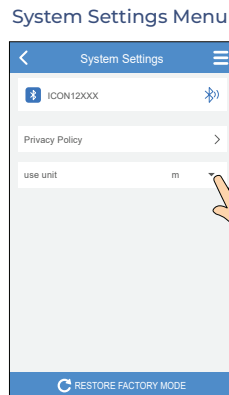
Setting Display Unit



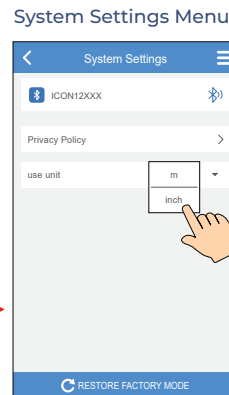
Click **Set** Button



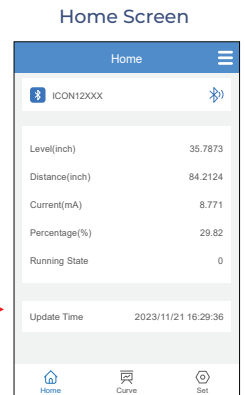
Select **System** Settings



Click **Unit** Drop
Down Arrow



Select Unit (**m | inch**)



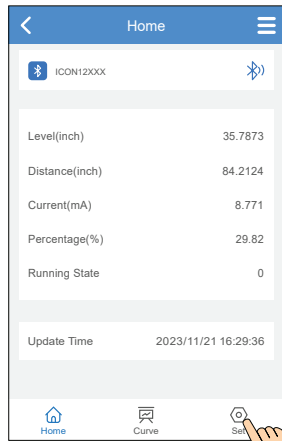
Unit Changed
Successfully!

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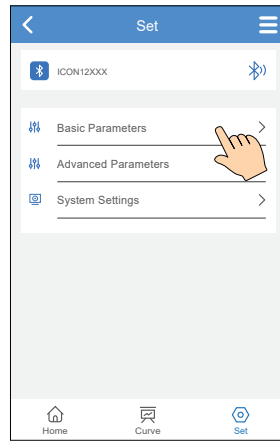
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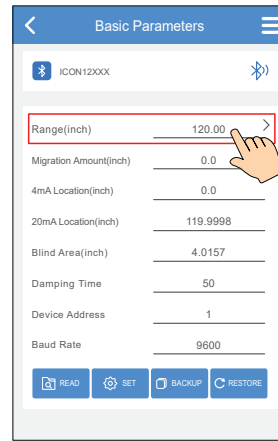
Setting Range



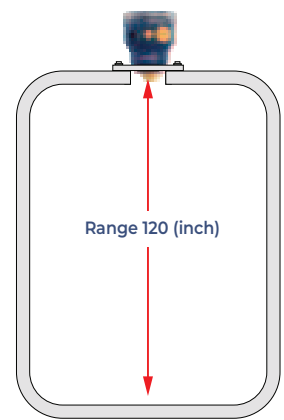
Click Set Button



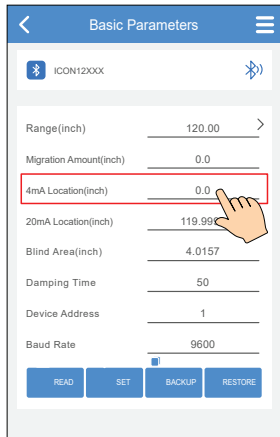
Select Basic Parameters



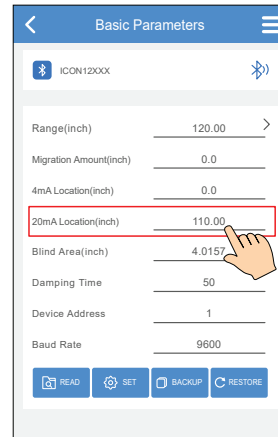
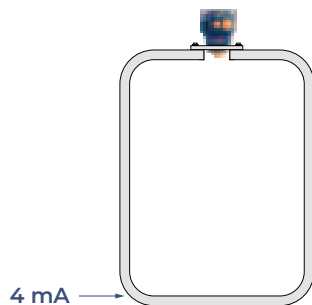
Set **Range** Value
E.g. Range Value = 120 (inch)



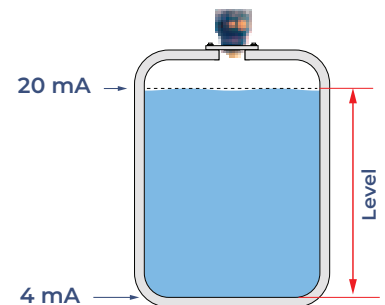
Setting Level



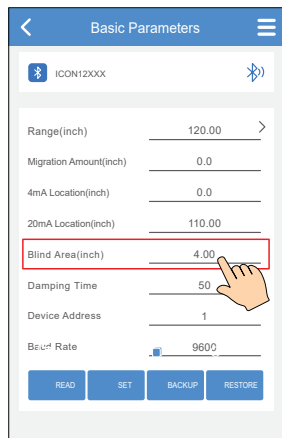
Set **4mA** Location
4mA (Low Level) = 0



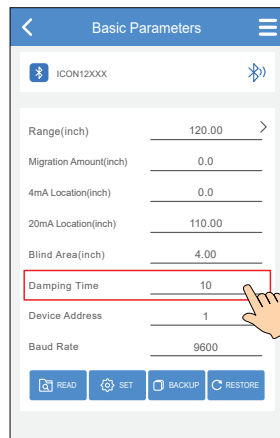
Set **20mA** Location
20mA (High Level) = 110(inch)



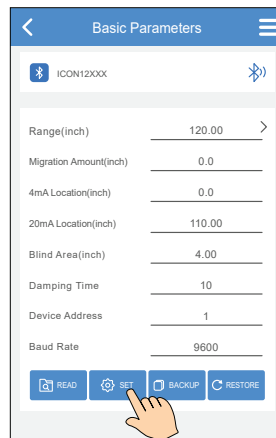
Setting Parameters



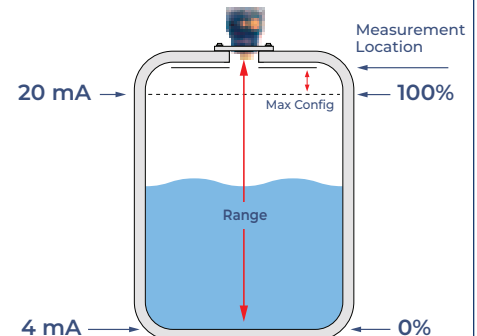
Set **Blind Area**
E.g. Blind Area = 4.00(Inch)



Set **Damping Time**
E.g. Damping Time = 10(sec)

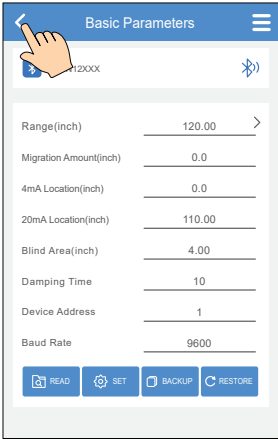


Click Set Button to
Save the Parameters



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Basic Parameters

Range(inch) 120.00

Migration Amount(inch) 0.0

4mA Location(inch) 0.0

20mA Location(inch) 110.00

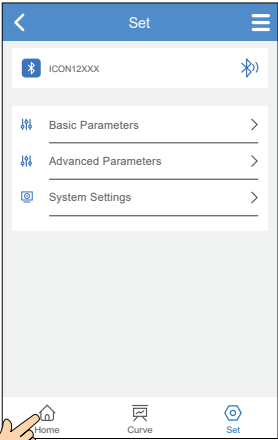
Blind Area(inch) 4.00

Damping Time 10

Device Address 1

Baud Rate 9600

READ SET BACKUP RESTORE



Set

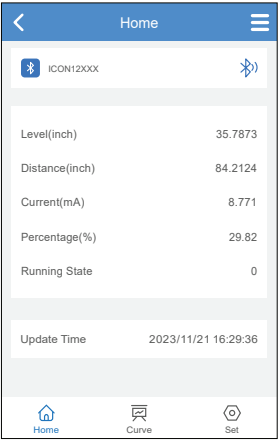
ICON12XXX

Basic Parameters

Advanced Parameters

System Settings

Home Curve Set



Home

ICON12XXX

Level(inch) 35.7873

Distance(inch) 84.2124


Current(mA) 8.771

Percentage(%) 29.82

Running State 0

Update Time 2023/11/21 16:29:36

Home Curve Set

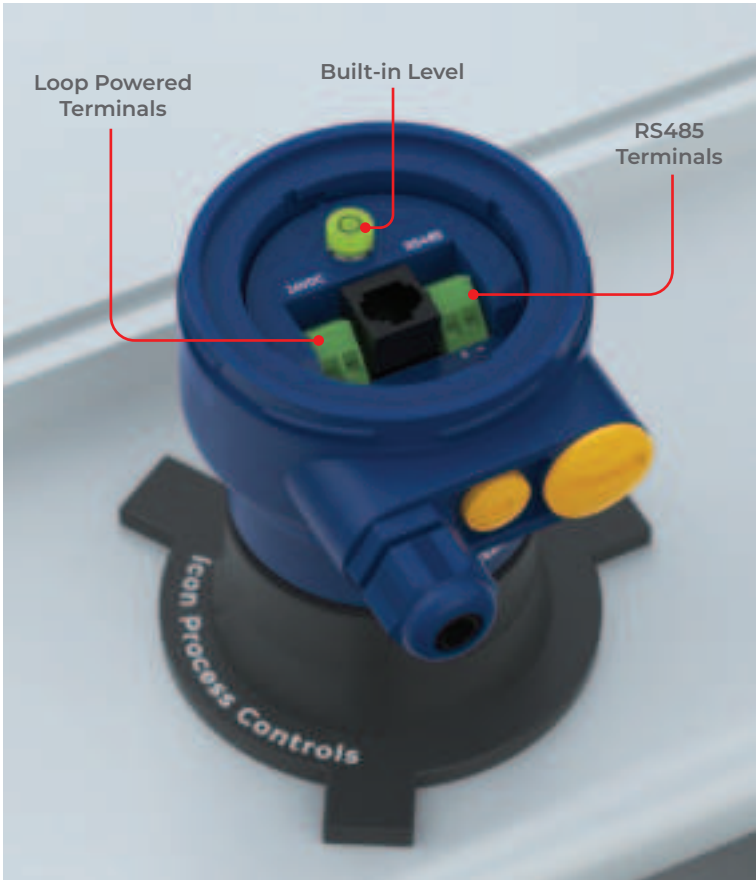


Bluetooth Settings
Video Tutorial

Back to Setting Menu

Click Home Button to Show Home Screen

Wiring



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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

