



**Pro Automation**

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# Installation Guide for ProAutomation In-line devices, including PoolSense and WaterSense

**CAUTION:**

These instructions are intended for use by professional plumbers who are trained in the proper use of power and hand tools, using appropriate safety precautions (including eye protection).

# Introduction

ProAutomation In-line devices, including PoolSense and WaterSense requires installation in a pipe or water tank by a professional plumber. These devices can be installed in combination with a FlowSense device. After installation of the hardware, the customer can download our free and easy to install ProAutomation web app in order to receive data anywhere, anytime.



It is the installer's responsibility to read, understand, and comply with these instructions.

## Pre-Installation Notes

*i*

In-line devices require additional equipment like valves, elbows, increasers and reducers that are not supplied in the box. Your local plumbing professional will be able to supply you with these. Piping and fittings should be made of corrosion resistant materials such as stainless steel or plastic.

*i*

Route all pipes and cables away from heat sources and moving components.

*i*

Our devices are designed for stationary applications only. For dynamic applications like rivers, please contact the supplier for more information and additional parts.

*i*

Avoid exerting excessive tensile force on the cables (e.g. tugging)

# General Requirements

The contractor shall provide all labour, materials, equipment and incidentals required to install, test, clean and disinfect all new water pipelines. All pipes shall be laid to lines and grades as shown on the drawings. The contractor shall prevent trench water, mud, sand or sewage from entering the pipe during installation. Probes must be kept wet at all times and installed at an angle of no less than 15degrees to avoid air bubbles being trapped in the probe.

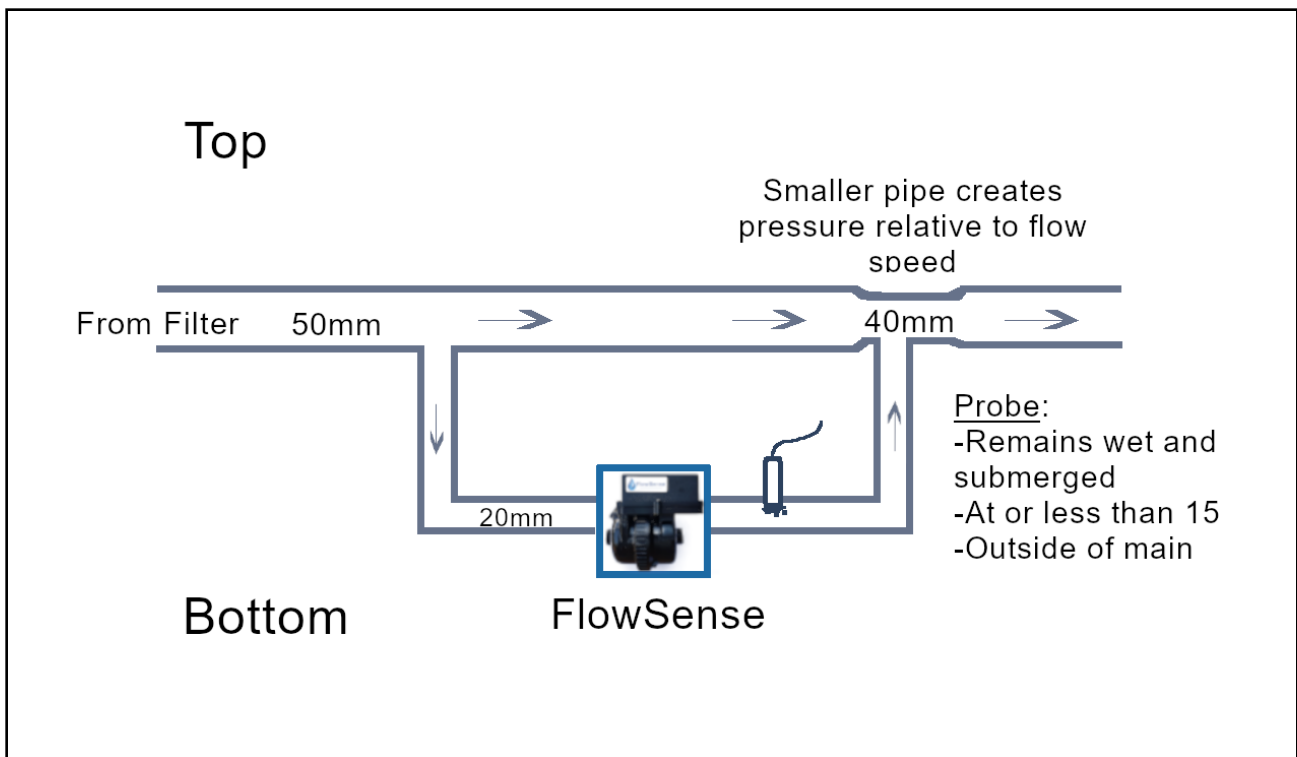


**WARNING!!**  
Never submerge  
probe cables.

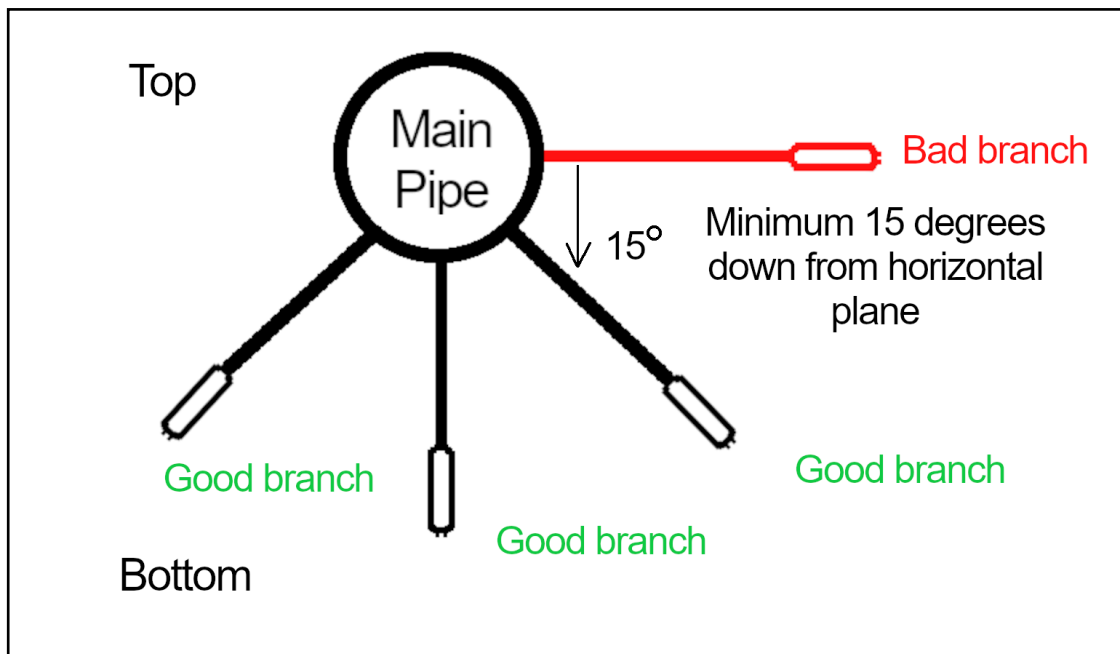


Failure to follow  
instructions as set out in  
this document may void the  
product warranty.

## Installing an inline device in a pipe:



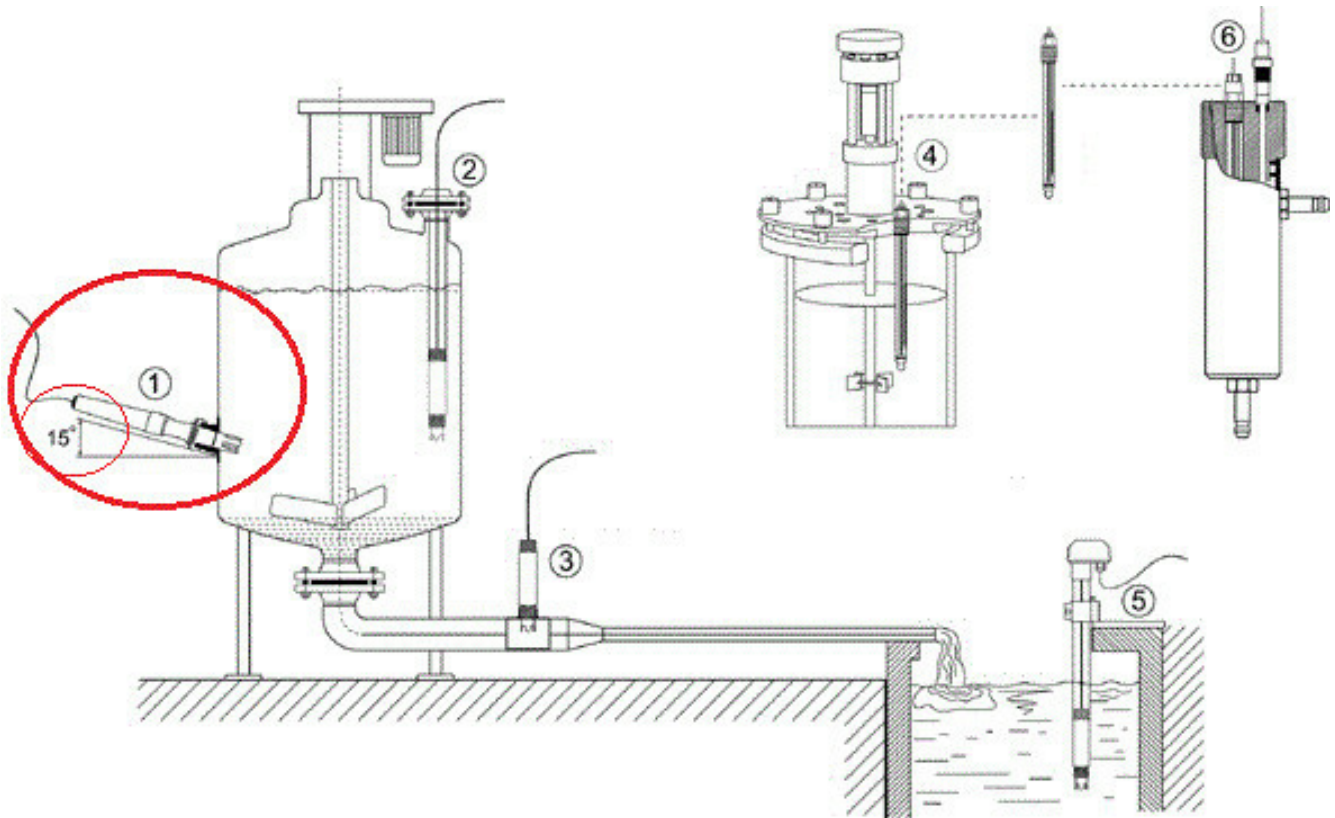
- When installing a PoolSense in-line device, ensure that it is installed after the filter. This is not applicable for applications where there are no water filters in use.
- Ensure that the probe is installed at an angle of no less than 15degrees, this will ensure that the tip is submerged at all times.
- Ensure that the tip is inserted fully into the pipe for accurate measurements.
- As with all ProAutomation probes, please keep the probe cap safe for future use
- See diagram below for a cross-section view of the correct probe angle:



Please contact your supplier if you require adapters for probe installation.

# Installing an inline device in a tank:

- There are multiple possible applications for our probes. When installing a ProAutomation probe in a tank or other container or water source, keep in mind that the probe tip needs to be submerged in the water at all times to keep the tip from drying out.
- **WARNING: Do not submerge the probe cable.**
- See diagram below for possible applications and installation suggestions.



Please contact your supplier if you have any questions regarding the installation of your in-line device.



Get in Touch

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