



Reading the Potential-free Contact of Municipal Engineering Utilities with IOTSU® IMPACT Solution

IOTSU® IMPACT enables remote monitoring of pumping stations and other public utilities. For example, there are three potential-free contacts inputs in the solution. They can be used to collect status data of the pumping stations. The solution reduces unnecessary inspections and frees up resources for more essential tasks.

Solution Features:

- Monitoring different devices and systems with potential-free contacts.
- Device can be configured to send alerts based on the potential-free contacts.
- Enabling real-time remote monitoring and saving human resources.
- Designed for demanding conditions.



Interfaces:	Three potential-free contacts
Connections:	Site's terminal block to the device's potential-free connectors
Alerts:	Automatic alerts for exceptional events
Power supply:	24 V
Network connection:	Wireless NB-IoT network

IOTSU® IMPACT N12 solution can be extended with additional services. We deliver complete package with Ready-to-go solution if needed. See next page for additional services.





Company: Small Data Garden Oy
Product name: IOTSU® IMPACT N12
Rev: 1.2c_20th May 2025

Expand Your Solution with Additional Services:

Real time Remote Monitoring and Alerts

Measurement data can be analysed and visualised clearly with IOTSU® Cloud solution in real time. Web based service operates without software installation. The service provides graphs and history data and with ability to set alarm thresholds and control commands. You can create new users and reports from a selected period.



Reliable and Secure Connection in Elisa's Network

Our solution operates with the IoT-connection provided by Elisa which guarantees reliable and secure data transmission. Elisa's network has extensive coverage across Finland and is suitable for demanding needs. In addition, Elisa's has broad international network of roaming partners in Sweden and other countries.



Pre-configured Device Solution

We can configure devices to your exact requirements with the measuring heads, cables and SIM cards installed and with settings programmed at our factory. This will significantly speed up deployment and reduce installation work at the site.



Need all this Ready to Go?

Choose Ready-to-go package where device, connection and visualisation create seamless package. You don't need to worry about configuring, installing or connecting. We provide whole solution ready for use.