



subeca
PIN

Product Data Sheet



OVERVIEW

The Subeca Wired Pin is a durable connection solution designed for static water meter installations. With compatibility for a variety of water meters, the Wired Pin enables seamless data collection to enhance the efficiency and accuracy of remote water monitoring systems.

COMPATIBLE WITH...



Subeca Wired Pin

FEATURES

- **Multi-Communication Capability:** Device-to-cloud communication over LoRaWAN and Amazon Sidewalk. LoRaWAN is an industry standard protocol for long-range, low-power communications. Amazon Sidewalk is a free telemetry network: [learn more here](#).
- **Extended Communications Range:** Installs in the pit lid or bracket outside the pit to improve signal range.
- **Encoded Meter Compatibility:** Can read encoded output meters that follow the Sensus Protocol.
- **Industry-Standard Connectors:** Compatible with Flying Lead, Hydroconn® Series III and IV [Nicor and Itron compatible].
- **Support Pulse Output Meters:** Can read two-wire pulsed outputs.
- **Flexible Sensor Compatibility:** Can be configured to read I2C and UART sensors (custom firmware development required).



This document is for informational purposes only and does not constitute an expression of warranty. Due to continuous product improvements and enhancements, Subeca reserves the right to update product specifications without notice.
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SPECIFICATIONS

Communication Telemetry	Wired Pins arrive fully enabled to communicate over Amazon Sidewalk, LoRaWAN, and Bluetooth Low Energy
Service	Pit lid installation for use on static (encoded output) meters.
Dimensions	Mushroom Cap: 4" Diameter Cylinder: 4" Length x 2" Diameter
Meter Compatibility	Select Badger, Kamstrup, Mueller, Sensus, and Master Meter Models. View our full compatibility matrix here .
Configuration Methods	Device configuration and installation happens over BLE through the Engage Utilities Mobile app available for Android and iOS
Temperature Range	Storing Temperature: -10° to 55° Celsius Operating Temperature: -10° to 55° Celsius
Battery Life	15 to 20 years (depending on communication frequency)
Connector Options	Flying Lead, Hydroconn® Series III, and Hydroconn® Series IV

