



SOLOSiren®

WIRELESS DEPTH MONITOR

Pressure Depth Monitor 5psi (0-10ft) or 15psi (0-30ft)

Great for Sewer, Weirs, Flumes, Lakes, Rivers

Wireless Data Transmission

Rugged Field Case

Lightweight, Highly Portable Compact Design

Self-Sustaining, User Replaceable Battery System

SOLOSiren®

The SOLOSiren® will provide you with accurate insight into your environmental data collection program without breaking the budget. Designed by field technicians with over 20 years experience, it's rugged, tough, and user-friendly.

With sensor options to meet the demand of today's environmental monitoring challenges, the SOLOSiren® is the go-to device for short term, fast turn-around data acquisition.

With the combination of an ultra-low power microprocessor and a user replaceable power pack, the SOLOSiren® will provide up to six months of data acquisition on a single charge.

With simplified user definable sampling, alarm, and data transmission rates, know the condition of your site in near real-time.



Technical Specifications:

Dimensions:	9.84" x 6.12" x 2.89"
Weight:	5 lbs.
Enclosure:	ABS / PC / TPU
Power:	Logger Input: 3.3V DC Sensor Input: 12V DC
Battery:	Rechargeable Battery Pack
Input:	Single Sensor - Analog, Serial, Digital or Pulse
Data Storage:	Internal Flash Memory, 88000 Sensor Readings
Sampling Rate:	User Defined: 1 Minute Minimum (Standard) 1 Second Minimum (Optional)
Alarming:	User Defined Data Point Threshold
Wireless:	4G LTE Worldwide Cellular Modem
SMS Alarming:	Optional with Single Point Blind Alarm
Software Interface:	FieldSIREN™ Proprietary Field Software (Included free with every purchase.)
Data Interface:	BlueLive® Cloud Based Big Data Hosting, FTP, Drop Box®, Google Drive®
Temperature:	-40°C to 60°C (-40°F to 140°F)



ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION, DESIGN OR OTHERWISE. ... It shall be the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.



PHN DEPTH PRESSURE DEPTH SENSOR Product Specification Sheet



Technical Specifications:

Dimensions: 5" X 1.25" X 1"

Construction: 316L Stainless Steel Material

Diaphragm: Tantalum or optional Titanium

ENV Rating: Fully Submersible

Power: Sensor Input: 5V DC

Transducer: 19mm Diameter

Gauge: Absolute

Pressure Ranges: 5 PSI or 15 PSI

Resolution
5 PSI = 1mm
15 PSI = 2mm

Range:
5PSI = 10ft (3m)
15PSI = 30ft (9.14m)

Cable Vented 5 conductor, 6mm Diameter

Overpressure 1.5 times Full Scale

Linearity: ± 0.15 FS

Temperature: -40 to 125 C

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Stainless Steel Transducer Element

Vortex Shedding Hydrostatic Shield

Use in Static and Flowing Conditions

Waterproof, Impact Resistant Urethane Construction

Streamline Design Minimizes Fouling

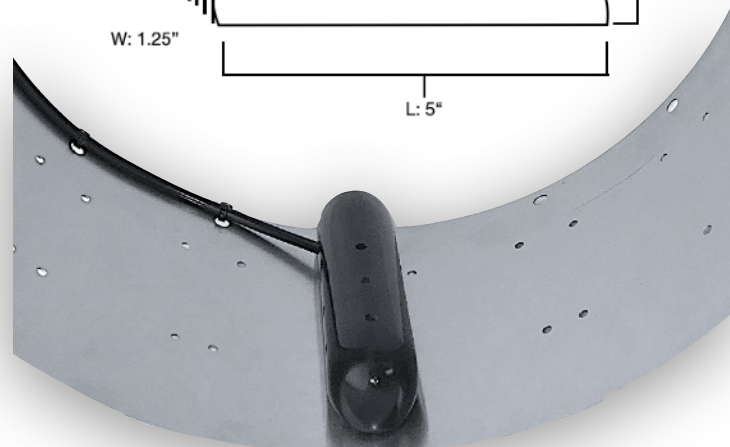
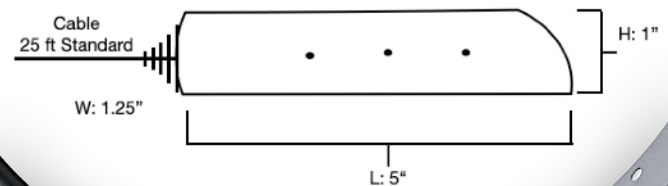
PHN15 / PHN05 Pressure Depth Sensor

Easily monitor water depth in flowing and static conditions. PHN technology mitigates the pressure vortex caused by velocity and accurately measures the depth of water in any condition. This sensor is designed to work in a multitude of installations such as pipes, weirs, stilling wells, streams, ponds, and lakes.

In addition to the hermetically sealed stainless steel transducer, the PHN is further encapsulated using inert materials, making this a great solution for industrial and wastewater applications.

Combined with the SOLOSiren®, this low-power, fast response depth sensor makes this an ideal compact, mid to long term monitoring deployment option.

Available in both 5 and 15 PSI variants, accurately monitor a wide range of depths from a low 0.04 in (1mm) to maximum 30 ft (9.14m).





DATA MANAGEMENT

Wireless Cloud Delivery and Data Analysis

View and Analyze Real Time Data

Automatic Delivery to Hosting Provider of your choice, DropBox®, Google Drive®, FTP, email, BlueLive®

Batch View Line and Scatter Plots

Manage Large Networks

Multiple End Users, No Additional Fees

FLEXIBLE DATA PLAN AND DELIVERY OPTIONS:

Automatically upload monitor data to BlueLive®, DropBox®, GoogleDrive®, email, or a FTP location of your choice. The internal worldwide 4G LTE wireless module supports multiple countries and cellular frequencies. In addition, WiFi connectivity options also available for infrastructure implementation. Provide your own SIM card and cellular network or have Blue Siren provide one for you. Blue Siren has low cost options on major networks such as AT&T® and Verizon Wireless®.



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