BLUESIREN®

SOLOSiren®
Industrial Water Pressure Monitor

Accurately Monitor Water Pressure

Easy SetUp and Operation

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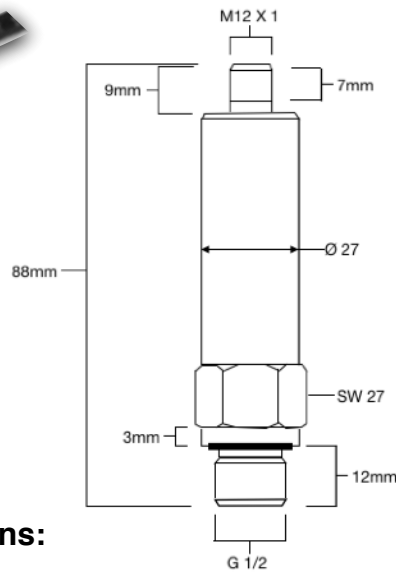
With simplified user definable sampling, alarm, and data transmission rates, know the condition of your site in near real-time.

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 Wordwide 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)

Industrial Pressure Sensor Product Specification Sheet

Measures gauge, absolute, and sealed gauge pressure.

Has short and reverse polarity protection.

Intrinsic safe version conforms to Standard Exia II CT6Ga of GB3836.4

Exd product conforms to Standard GB3836.2

CE, RoHS approved, ATEX version available

Reliable Pressure Readings

Stainless Steel 20 Bar (290PSI) pressure sensor is easy to use and provides data you can count-on. The sensor is hermetically sealed and versatile, making it ideal for use in industrial Installations.

Great for Waterline installation. Different thread sizes available.

Technical Specifications:

Pressure Range:	20 Bar 290 PSI
Overpressure:	≤1.5 times FS or 110MPa (min. value is valid)
Pressure Type:	gauge/absolute/sealed gauge
Accuracy:	≤ ±0.5%FS
Process Connection:	1/4" NPT
Long Term Stability:	≤ ±0.3%FS/year
Compensation Temp:	0ºC~50ºC
Application Temp:	-30ºC~80ºC
Power Supply:	3.3V/5V DC
Output Signal:	0-5V DC
Housing Protection:	IP65
Electric Connection:	DIN43650 plug or cable (1.5m)

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.

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®.

Graphical Analysis	Line Graph Batch Analysis	Scatter Plot Batch Analysis	Data Export	Wiifat Export	GIS Analytics	Monitor Map	Wireless Report	Alarm Report	Alarm Setup	Email Config	Data Upload	Settings	Site Info

Multi-Layered Line Graphs

Batch Report and ScatterPlots

GIS, Google Maps, and Spatial Analysis Tools

Image vs Data Correlation and TimeLapse