septilink

REMOTE PROCESS MONITORING

Septilink provides you with real-time status and a long-term historical log of your systems performance by tracking mutltiple data points across time.
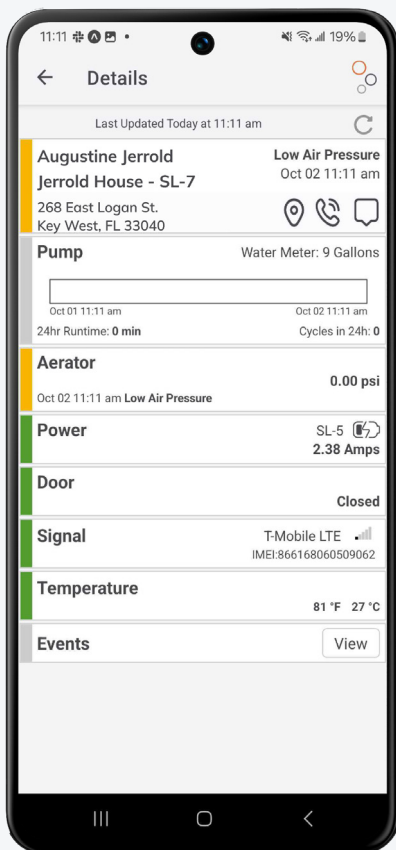
RESIDENTIAL SEPTIC APPLICATIONS

Designed as a drop-in remote monitoring device, the SL-5 is installed between the electrical panel and control panel of any new or existing septic/secondary treatment system to monitor the pump, air pressure, power, and alarms.

REMOTE MONITORING TECHNOLOGY

DATA AT YOUR FINGERTIPS

PUMP OPERATION

See when your pump is running with pump-run times and cycle count. Determine if your system is running as designed. Common issues such as surface water contamination, system overload, and electrical deterioration can be observed before the system fails.

ALARM NOTIFICATIONS

Receive immediate notifications on your cell phone when an alarm event is triggered. Have the necessary information to diagnose issues from the historical data in the mobile app.

DATA ANALYTICS

By tracking critical indicators such as power use, aerator pressure, and pump run patterns, Septilink can detect symptoms of common failure points for septic systems before they become critical.

CONNECT WITH A SERVICE PROVIDER

The Septilink app can provide your maintenance contractor with the data needed to accurately diagnose and service your system.

SL-4/5 | Innovative and Reliable

Electrical

Operating Power	120VAC 20W
Max Pass-through Current	120VAC 30A

Physical Dimensions

Dimensions	8" x 6" x 4" 203mm x 152mm x 102mm
Weight	4 lbs 1.8 kg
Mounting	Feet suitable for uneven surfaces.
Material	Polycarbonate

Features

Easy Connect, Color-coded, Tool-free WAGO Wire Terminals
Reliable Pass-Through Operation
Surge Protection with LED
Internal Status LEDs
Hinged Cabinet with Door Open Detection
Power Fail Detection and Reporting
1 Year Warranty

Certifications

UL	UL STD 61010-1 CSA STD C22.2#61010-1
Enclosure UL	Type 1, 3R, 4, 4X, 6, 6P, 12 UL 94-5VA CE Certified cULus Listed File #E319779 cULus Listed File #E362920 Outdoor Exposure UL746c (f1) Rated
FCC ID	APV-2650MB
IC	5843C-2650MB

Environmental

Temperature	-30°C - 60°C (-22°F - 140°F)
Humidity	85% RH @ 50°C NON-CONDENSING
Max Altitude	3000 Meters

Monitoring

Power Consumption (Pump, Aerator, Disinfection, Link) (Amps)
Air Pressure (SL-5)
Power Loss Detection
Power Surge Detection
Pump Run Time and Cycle Count
System GPS Location
Alarms (High Level, Low/High Air Pressure, Disinfection, Power Fail, Door Open, Aux Input, Surge Protection Failure)
Network Status (Carrier, Signal Strength, 2G/3G/4G/5G)
Pulse Counting (Water Meter)

Installer Connections (J1)

1 - Input Power Line (BLACK)	AWG 8-24 120VAC 30A
2 - Input Power Neutral (WHITE)	AWG 8-24
3 - Input Power Ground (GREEN)	AWG 8-24
4 - Output Power Line (BLACK)	AWG 8-24 120VAC 30A
5 - Output Power Neutral (WHITE)	AWG 8-24
6 - Output Power Ground (GREEN)	AWG 8-24
7 - HLA/AUX1 Input (AC) (GRAY)	AWG 8-24 120VAC
8 - DIS/AUX2 Input (AC) (GRAY)	AWG 8-24 120VAC
9 - MTR/AUX3 Input (AC) (GRAY)	AWG 8-24 120VAC
10 - PROT/AUX4 Input (AC) (GRAY)	AWG 8-24 120VAC

Enclosure Connections (J2)

1 - Door Switch +	Door Sensor Circuit	AWG 14-26
2 - Door Switch -	Door Sensor Circuit	AWG 14-26
3 - HLA/AUX1 +	High Level Alarm Circuit	AWG 14-26
4 - HLA/AUX1 -	High Level Alarm Circuit	AWG 14-26
5 - DIS/AUX2 +	Disinfection Alarm Circuit	AWG 14-26
6 - DIS/AUX2 -	Disinfection Alarm Circuit	AWG 14-26
7 - MTR/AUX3 +	Water Meter Circuit	AWG 14-26
8 - MTR/AUX3 -	Water Meter Circuit	AWG 14-26
9 - PRTO/AUX4 +	Protection Circuit	AWG 14-26
10 - PROT/AUX4-	Protection Circuit	AWG 14-26
11 - OUT1	Control Output 150 mA max to GND	AWG 14-26
12 - OUT2	Control Output 150 mA max to GND	AWG 14-26
13 - OUT3	Control Output 150 mA max to GND	AWG 14-26
14 - 12VDC	12VDC Output for OUT 1-3 (0.5A max)	AWG 14-26

Communications

Cellular Technology	4G LTE CAT-M1 GSM Fallback
Cellular Networks	AT&T, T-Mobile, Verizon, Alaska, US Cellular, Bell, Telus, Rogers, Videotron
Cellular Antenna	Internal
GPS Antenna	Internal
Shock and Vibration	U.S. Military Standards 202G, 810F, SAE J1455
Battery	Internal 1100mAh

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