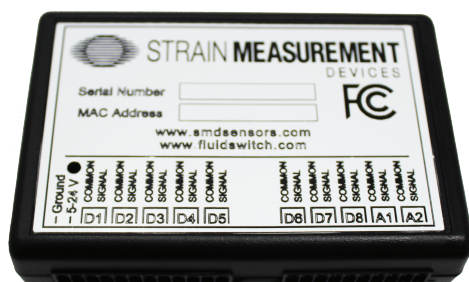


SwitchDAQ Liquid Level Monitoring System



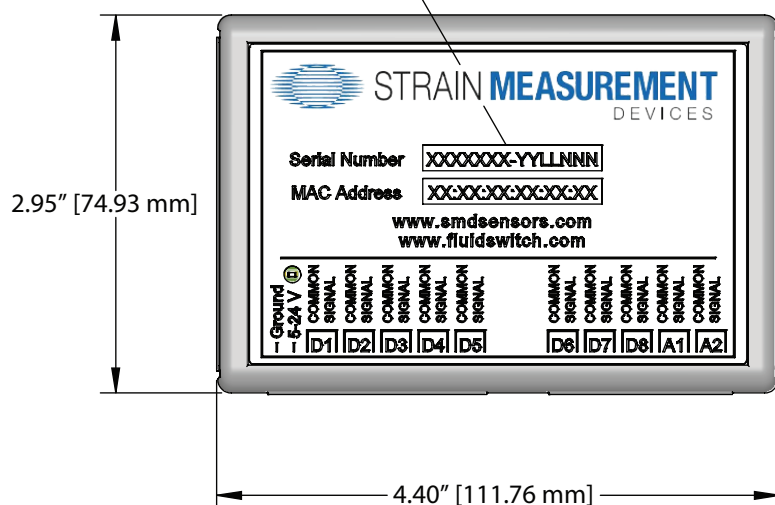
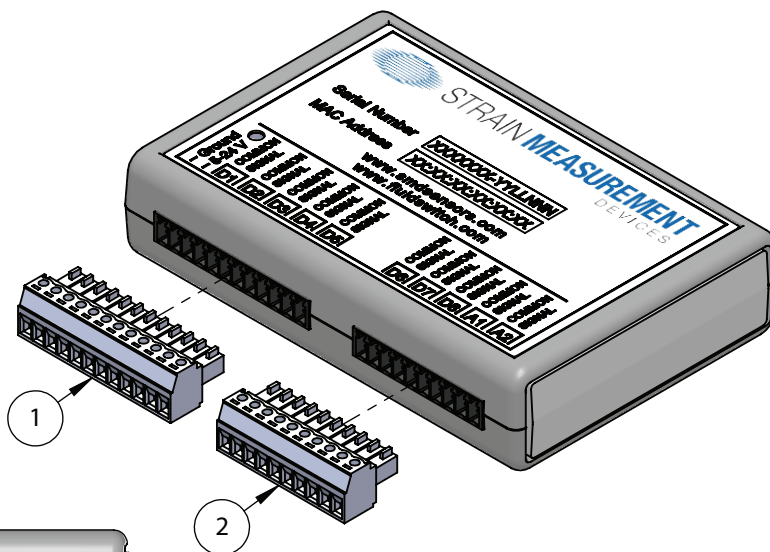
SMD Sensors now offers a wireless monitoring system called SwitchDAQ. This high speed data acquisition system is battery powered and communicates via Bluetooth Low Energy (BLE). The SwitchDAQ features 2 analog input channels with 12-bit measurement resolution for continuous or RTD temperature sensors, and 8 digital input channels for float sensors or any on-off devices. It connects via Bluetooth to our iPad app, or to a custom PC interface. This device is also capable of user integration; SMD will provide the Bluetooth packet structure so that it can be programmed with your own device. A report status of the 8 on-off switches and the 2 analog devices can be generated on demand.

A near limitless number of SwitchDAQs can be 'paired' to a receiver and up to 7 devices can be monitored simultaneously. The device battery powered, with a max lifespan of up to 5 years. It is also capable of being hard-wired with 5-24V for continuous monitoring capabilities, leaving the battery as a backup option. The SwitchDAQ delivers premium monitoring performance at a surprisingly affordable price.

Product Specifications		
Electrical	Batteries:	AAA (3x)
	Battery Life:	5 Years Max
	Input Supply Voltage: (If not using battery power)	5-24 VDC
	Input:	3V Sourcing Digital (8) 3V Sourcing Analog (2)
	Analog Input Impedance Range:	1.3 kΩ - 200 kΩ
	Digital Input Threshold:	20 kΩ +/- 5%
Bluetooth	Maximum Range: (Line-Of-Site)	100 m
	Antenna:	Internal
Mechanical	Enclosure Material:	ABS, Black

Mounting	
Sensor PN	Option
SMD8332	No Mounting
SMD8332-CL	DIN Clip
SMD8332-TA	Adhesive Tape
SMD8332-VC	Velcro

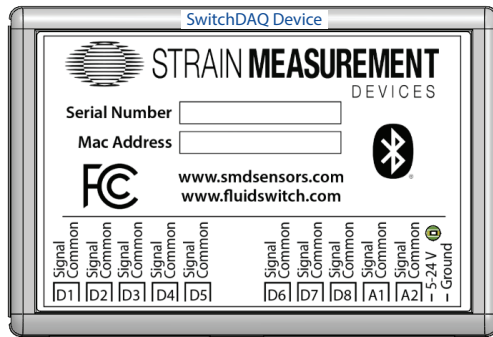
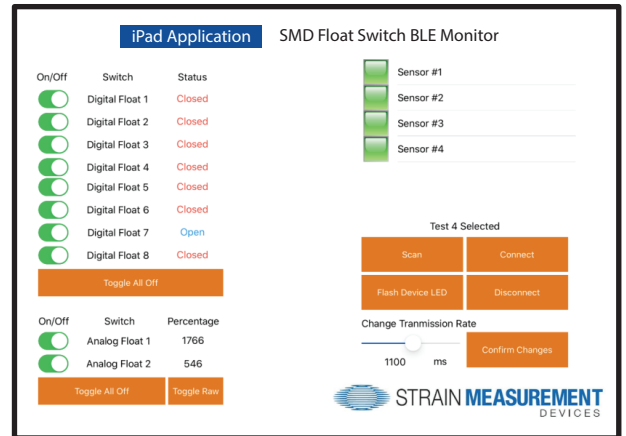
Serial Number Legend	
XXXXXXX	SMD Part Number
YY	Year Code
LL	Lot Number
NNN	Unit Number



Replacement Parts		
①	12 PIN PLUG:	MOLEX 0395000012
②	10 PIN PLUG:	MOLEX 0395000010

SwitchDAQ Connectivity Example

Bluetooth Communication
Max Distance = 100m



Max Wire
Length = 300m

5-24VDC Power

Single Point Float Switches

Continuous Float Switch Sensors

Multi-Point Float
Switches, Separate wiring

Multi-Point Float
Switches, Common wiring