

SNS™ Event Monitoring

# SYNCHRONOUS NETWORK SYSTEM

## SNS Event Monitoring Solution

Powerful, versatile Primex Wireless Event Monitoring is the ideal solution for maintaining optimal conditions throughout the facility, especially in remote or off-site locations. SNS Event Monitoring uses remote sensors to detect water leaks, monitor when essential equipment turns on or off, or notify appropriate personnel when cabinets, doors or windows are not closed appropriately. Part of the comprehensive Primex Synchronous Network System (SNS) platform, Event Monitoring adds new dimension to facility productivity, efficiency and regulatory compliance.

### Remote Monitoring Provides Greater Control

Using the power of your existing Ethernet network, SNS Event Monitoring communicates with the Web-based SNS Applications Management Platform (AMP) software to monitor conditions and document performance. If any status change is detected, alerts are automatically sent to appropriate maintenance staff to take action before a small situation turns into a huge issue. Alert escalation definitions ensure additional notifications are sent when first alerts are not acknowledged.

### SNS Event Monitor

Connect up to eight sensors to each SNS Event Monitor to track and document conditions around your facility. Compatible and adaptable for use with a wide range of sensors, the Event Monitor can detect any sensing device opening or closing a set of contacts.

**EVENT MONITOR**

Part Number	Description
SNSACL8	Event Monitor, 8 inputs, Ethernet, A/C power

### SNS Water Detection Sensor

Low-profile sensor is ideal for monitoring the presence of leaks in basements, around drains or near water tanks. A leak alert is sent when a conductive bridge is formed between two contacts, sending a signal to the AMP via the SNS Event Monitor. Up to four Water Detection Sensors can be connected to each Event Monitor.

**WATER DETECTION SENSOR**

Part Number	Description
SNSWDP1	Water Detection Sensor, 15' (4.57m) cable
Q13702	50' (15.24m) Extension Cable
Q13702-1	100' (30.48m) Extension Cable

Input Status Dashboard



Alert Definitions

### SNS Contact Closure Switch

Magnetic reed style sensor may be used in a variety of ways to monitor whether doors, windows, cabinets and other items are open or closed. May be used individually or wired in sequence for even greater coverage. Up to eight Contact Closure Switches may be connected to each Event Monitor.

**CONTACT CLOSURE SWITCH**

Part Number	Description
SNSMSW1	Contact Closure Switch, 50' (15.24m) cable
Q13703	Contact Closure Switch (no cable)
Q13702	50' (15.24m) Extension Cable
Q13702-1	100' (30.48m) Extension Cable

## SNS Event Monitoring

## SYNCHRONOUS NETWORK SYSTEM

**Event Monitoring Specifications:****Event Monitor****Mechanical:**

- 4.13"H x 3.34"W x 2.83"D (10.49cm x 8.48cm x 7.19cm)
- Weight: 0.75 lb. (.34 kg)
- DIN Rail mount

**I/O Interfaces:**

- 4 digital inputs (0-12V), configurable pullups
- 4 universal inputs (analog 0-5/10V or digital 0-12V) with configurable pullups

**Serial Interface:**

- 600-19200 Baud, 7/8 bit, Odd/Even/No par

**Network Interface:**

- RJ45 10/100 Mbit Ethernet (Autodetect)
- TCP/IP, UDP, DHCP, Modbus/TCP, SNMP,
- HTTP web server for control, status and configuration

**Power Input:**

- 9 - 30 VDC

**Certifications:**

- FCC (A and B), CE (A and B)

**Water Detection Sensor**

- 3.0" x 2.0" x .88" (76.2cm x 50.8cm x 22.35cm)
- Cable length: 15' (4.5m)
- Stable surface mount design
- Maximum additional recommended cable run [22-2 AWG twisted pair, unshielded: 100 feet (30.48m); combined total 115 feet (35.05m)]

**Contact Closure Switch**

- Part with screw terminals: 2.5" x .75" x .5" (6.35cm x 1.91cm x 1.27cm)
- Part with magnet: 2.5" x .75" x .625" (6.35cm x 1.91cm x 1.59cm)
- Cable length: 50' (15.24m)
- Package includes magnetic sensor hardware and 4 mounting screws



Event Monitor



Water Detection Sensor



Contact Closure Switch

**To Learn More:**

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