Sensplorer

SPx-S9001/ SPx-S9002 / SPx-S9003

Smoke Detector/Motion Detector/Magnetic Contact

- **Precise and electromagnetically immune dry contact monitoring**
- **Device and sensors also can be monitored by Sensplorer system via their alarm relay outputs**
- **Contact signals are isolated from the rest of Sensplorer system**
- **User defined name, limits and hysteresis**
- **Sensor can be used with all Sensplorer dry contact modules**

CLOUD AND MOBILE MONITORING

Sensplorer's MQTT protocol support presents secure, accurate, prompt mobile and cloud based monitoring for the ambient temperature and relative humidity values.

SMOKE, MOTION and CONTACT DETECTION

Hardware and software solution that monitors smoke detectors, PIR motion detectors and magnetic contact via Sensplorer dry contact inputs

A UNIQUE NAME, CONFIGURATION AND "IF THIS THEN THAT" RULE CAN BE SEPERATELY ASSIGNED FOR EACH INDIVIDUAL SENSOR

Sensplorer's flexible , modern and user-friendly software gives you the freedom to use it any way you want. No design or system limitations

EXPANDABILITY

Sensplorer has a modularly expandable design protecting the current investment. The expansion size depends on the type of Sensplorer base module used

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Sensplorer monitors Smoke Detectors, PIR Motion Detectors and Magnetic Contact via its dry contact input ports.

Smoke detector produces "1"/ON state in Normal condition. When cable is broken or sensor detect any smoke in the air it turns output "0" /OFF state. This is the trigger of Sensplorer creates an Alarm to alert the assigned users.

Magnetic Contact produces "1"/ON state in Normal condition. When cable is broken or door is opened it turns output to "0" /OFF state. This is the trigger of Sensplorer creates an Alarm to alert the assigned users.

PIR Motion Detector produces "0"/OFF state in Normal condition when no human detected. When it detects human it turns output to "1" /ON state. This is the trigger of Sensplorer creates an Alarm to alert the assigned users.

Sensplorer system is isolated from the foreign device's outputs to protect itself. Isolation protects the Sensplorer system from unexpected and abnormal signals from the other devices which may damage the whole system

If the sensor value goes out of the range defined by the system admininistrator;

- *Users sensor assigned, "if defined", receive e-mail, SMS, phone call*
- *Sensplorer dashboard shows the status change on dashboard*
- *SNMP / Syslog servers ,"if defined", receives the traps/messages*
- *SCADA or BMS systems, ,"if defined", receives the traps/messages*
- *Sensplorer runs the specific rule(s) defined in case of this particular event*
- *All events and sensor's values are stored in the sensor history database for logging or reporting purpose in the future*

Technical Specifications

Sensor Module

Power	: 12V DC , max. 2 W
Working Temp.	: 0 °C / +70 °C

Dry Contact Sensor

Measured Value	: "1"(Close Circuit) Or "0" (Open Circuit)
Response Time	: max. 1 seconds

Always monitor your assets wherever you are...

SENSPLORER ALWAYS LETS YOU KNOW WHAT'S GOING ON

Sensplorer sends message to the assigned people to let them know a status change occurred

Users can request the current state of sensors whenever they want to know

All these assignments are completely customizable and easy to use

GOING GREEN

Sensplorer helps you to run an environmentally conscious operation

Please let us know about your requests, questions, comments and suggestions...

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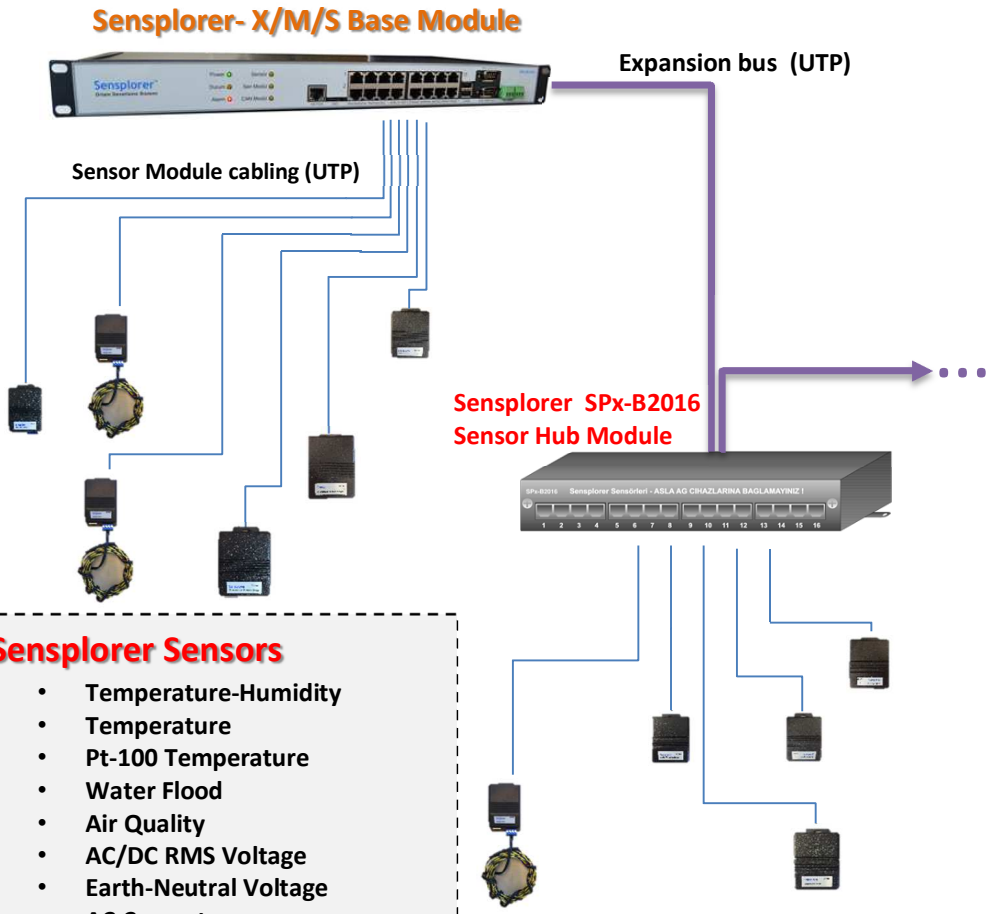
Sample Sensplorer installation with Sensors



Sensplorer Sensors

- Temperature-Humidity
- Temperature
- Pt-100 Temperature
- Water Flood
- Air Quality
- AC/DC RMS Voltage
- Earth-Neutral Voltage
- AC Current
- Air Pressure
- Air Flow
- Vibration-Shock
- Analog Input
- Dry-Contact
- Digital Input

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