

IMETER SENSORS

INSTALLATION INSTRUCTIONS

TEMPERATURE/HUMIDITY

Connect the temperature or temperature/humidity sensor to one of the RJ45 sensor ports on the rear of the IMETER. The green LED will appear on the IMETER when the sensor has been automatically detected. Configuration of high and low warning/critical thresholds can be carried out via a web browser.

WATER

Please follow these instructions to install the leak detection system:

1. Lay out the sensor cable in its intended location, taking care to keep it free from oil and grease and away from metal surfaces.
2. Fix down the self-adhesive clip which fits around the junction between the leak sensor cable and the plastic coated interconnecting flex.
3. Attach the alarm module to the chosen surface using the self-adhesive hook and loop tape strip.
4. Fix the sensor cable using the cable clips. Please take care not to damage the sensor cable when fixing the clips. **DO NOT CUT OFF ANY SURPLUS CABLE.** When fixing cable clips, wear eye protection as hardened steel nails can fracture when hit.
5. Connect the water sensor interface cable to one of the RJ45 sensor ports on the rear of the IMETER. The green LED will appear on the IMETER when the sensor has been automatically detected.
6. To test the equipment, drip a small quantity of water onto the sensor cable. The alarm will sound and the IMETER browser screen will show a Critical alarm condition. The cable will need to dry out completely before the alarm returns to normal.

VOLTAGE

Connect the interface cable to one of the sensor ports on the rear of the IMETER and the voltage detector. The green LED will appear on the IMETER when the sensor has been automatically detected. Connect the mains power lead between the voltage detector and the power supply that you wish to monitor. The voltage detector will provide an alarm when the mains power is removed from the supply being monitored.

AIRFLOW

The sensor will provide an alarm based on the removal of airflow. Simply connect the airflow sensor to one of the RJ45 sensor ports on the rear of the IMETER. The green LED will appear on the IMETER when the sensor has been automatically detected. Position the airflow sensor in its intended location in the airflow from a fan or air conditioning unit or other source. Depending on your version of IMETER, low warning and critical threshold levels may be set via the web browser.

SECURITY

Locate the alarm contacts in their intended location. The sensor will provide an alarm when the contacts are in the open position. Connect the security sensor interface cable to one of the RJ45 sensor ports on the rear of the IMETER. The green LED will appear on the IMETER when the sensor has been automatically detected.

DRY CONTACT CABLE

Connect the cable to the device that you wish to monitor and one of the RJ45/Dry Contact ports on the rear of the IMETER. The green LED will appear on the IMETER when the sensor has been automatically detected. Configuration of your preferred monitoring mode (normally open or normally closed) can be carried out via the IMETER browser interface.

SMOKE

The Smoke sensor auto-detects as a Dry Contact, set this to be Normal Open. The sensor can be tested by holding the test button for a few seconds.

For technical assistance please contact support@jacarta.com

Disclaimer: Jakarta environmental monitoring equipment is intended for monitoring purposes only. The equipment has not been designed to provide human safety and should not be used in safety-critical situations.