

Cover Letter – SIHGA Monitorix® WET

Smart Real-Time Indoor Humidity Monitoring

Dear Sir or Madam,

With **SIHGA Monitorix® WET**, we offer you a smart real-time humidity monitoring system for buildings that goes far beyond simply detecting water.

Monitorix® WET does more than just detect leaks—the system continuously monitors the moisture condition in defined areas and automatically evaluates all measurement data.

This allows water damage to be detected as soon as it begins, before significant consequential damage occurs.

1. Area-wide monitoring instead of point-by-point detection

Monitorix® WET uses specially developed sensor strips that are installed within a room or a defined monitoring area.

This enables comprehensive monitoring of critical areas.

Unlike point-based sensors or individual water detectors, the system monitors not just individual spots but the entire protected area.

This increases the likelihood of detecting even the smallest leaks at an early stage.

2. True real-time monitoring

A monitoring system only fulfills its purpose if changes are detected immediately.

Monitorix® WET **continuously** monitors the condition of the sensor strips —24 hours a day in real time.

As soon as a relevant change in moisture is detected, the following occurs automatically:

- Evaluation of the measurement data
- Plausibility check
- Alert generation
- Documentation of the event

TAKE THE BEST

This allows damage to be detected in its early stages, before costly consequential damage occurs.

Delayed data retrieval or retrospective data evaluation does not meet these requirements.

3. Dual measurement assurance – maximum reliability

A key unique selling point of Monitorix® WET is the combination of **two independent measurement parameters**.

Only the intelligent evaluation of both measured values enables a reliable assessment of the actual moisture condition.

This allows moisture events to be clearly distinguished from interference.

The result is **exceptionally high operational reliability** combined with a minimized risk of false alarms.

This dual safeguard builds confidence in the alarm notifications and increases acceptance of the system in daily operations.

4. Automatic evaluation instead of manual interpretation

Many monitoring systems provide only measured values.

It is up to the user to interpret this data.

Monitorix® WET takes a decisive step further.

The system continuously analyzes the measurement data and evaluates it automatically.

Instead of receiving a jumble of measurement values, the operator receives clear information (diagrams) about the condition of the monitored area.

As a result, no specialized knowledge is required to assess whether action is actually needed.

5. Early Damage Detection

Even the smallest leaks can cause significant damage to floors, walls, technical systems, or the building fabric within a very short time.

Monitorix® WET immediately detects changes in moisture levels and automatically triggers an alarm.

This allows repair measures to be initiated before water spreads uncontrollably.

This reduces:

- Remediation costs
- Operational interruptions
- Consequential damage
- Downtime

and provides long-term protection for the building fabric.

6. Comprehensive Documentation

All measurement data is continuously stored.

This makes it possible to determine at any time:

- when an event began,
- how the damage progressed,
- which areas were affected,
- when measures were initiated.

This information serves as a valuable basis for operators, experts, and insurance companies.

7. One-time integration opportunity during the construction phase

The SIHGA Monitorix® WET sensor strip is permanently integrated into the floor or ceiling assembly and can therefore only be installed during the construction of a building.

This offers building owners and planners a unique opportunity to equip the building with intelligent moisture monitoring already during the construction phase.

If this opportunity is not taken advantage of during construction, comprehensive monitoring within the building structure can only be implemented at a later date with considerable structural and financial effort.

Early integration thus creates lasting added value throughout the building's entire life cycle and enables long-term protection against costly moisture damage.

The construction phase is therefore the ideal—and at the same time the most economically sensible—time to lay the foundation for long-term moisture monitoring.

Conclusion

With **SIHGA Monitorix® WET**, you're choosing an intelligent real-time moisture monitoring system that goes far beyond mere leak detection.

The combination of **comprehensive sensor monitoring, continuous real-time measurement, automated data analysis, dual measurement reliability**, and **immediate alerts** enables reliable early damage detection and supports the long-term protection of buildings and technical systems.

While many systems merely provide measurement values or detect water at individual points, Monitorix® WET continuously monitors defined areas, automatically evaluates the data, and immediately informs the operator of relevant changes.

Monitorix® WET does more than just send an alarm—Monitorix® WET provides peace of mind and a clear basis for decision-making.

We are always happy to answer any questions or provide project-specific consultation.

Best regards