

## TEMPERATURE MONITORING SYSTEM

## ACCESSORIES ADDITIONAL SYSTEMS



FILE 5.30  
VERSION 3. 10/10/2024

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## TECHNICAL SPECIFICATIONS

A set of removable probes suspended from the ceiling with thermal and humidity sensors along their length.

All probes are connected to electronic boxes (MUX). These boxes send the information to a control centre.

The probes can detect

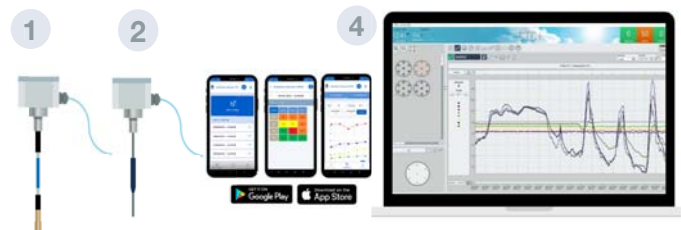
- temperature
- humidity. For humidity monitoring it is necessary to include another specific probe that measures temperature and humidity.
- filling level (approximate)

## TYPES

- Portable: a small device transfers the information to an app installed on a smartphone. Ideal for plants with few silos and sensors.
- Automatic: based on PC software. Includes a weather station and a mobile app to visualise the status of the plant anywhere. Ideal for large plants or plants with high quality standards.

Additional components:

- OPC or Modbus integration.
- Relay module for automatic ventilation
- Anti-condensation probes for automatic ventilation.



## PARTS AND MATERIALS

- 1 TEMPERATURE CABLE
- 2 TEMPERATURE & HUMIDITY CABLE
- 3 SUPPORT
- 4 APP & SOFTWARE

## BENEFIT

- Better control of the state of the grain: temperature and humidity.
- Better knowledge of ventilation needs.
- Maximise the value of your grain.
- Ensure product quality and traceability.
- Roughly control the level of stock in the silos..

**RESTRICTIONS** Not recommended for truck or train unloading silos and buffer silos.

