

Reliable moisture measurement

Litronic-MMG

LIEBHERR

Liebherr-Mischtechnik GmbH



System description



The Liebherr Litronic-MMG (Moisture Measurement Gateway) is the ideal solution for single-sensor applications.

The Liebherr Litronic-MMG is a modern and robust moisture measurement system for real-time measurement of the moisture content of various materials. It processes the measured values recorded by the connected sensor and converts them directly into moisture values expressed as a percentage.

Thanks to standardised M12 and M8 connectors, the system can be easily installed using the plug-and-play principle. Parameterisation is carried out conveniently via the WIO-software.

The measurement is based on the principle of capacitance determination in a high-frequency leakage field, thereby achieving high accuracy, robustness and reproducibility. Calibration using a reference method is required prior to use. Once calibration has been successfully completed, additional systems can be set up in exactly the same way, or components replaced, without compromising measurement quality.

Thanks to numerous interfaces, the system can be easily integrated into various control and automation systems.



Compatible moisture sensors

Proven measurement technology

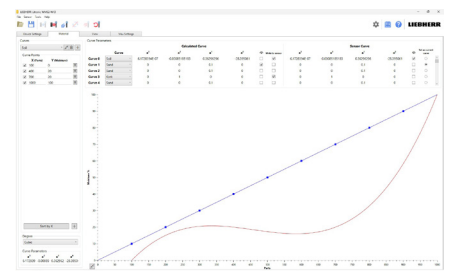
- Types:
 - P78
 - P30
 - P78-HR
 - P71-HD
 - P78-E21 / E22 
- Capacitive measurement principle
- Digital transmission of measured values
- Sensor replacement without the need for recalibration



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for recording, processing and preparing the values measured by the sensor:

- Parameterization and calibration (WIO-software)
- Adjustable measurement range
- Material curve management
- Plug-and-play USB connection without driver installation
- Numerous interfaces:
 - 4-20mA analog output
 - USB-C
 - IO-Link (optional)
 - HART



WIO-Software

- Intuitive creation of material curves
- Visualisation
- Parameterisation
- Calibration