

Process optimization by continuous and reliable moisture / water content measurement with LIEBHERR Litronic-FMS II / WMS.

Job-Report

Application:

- Moisture and water content measurement from raw materials to the finished products (e.g. powder, gelatin capsules, pills, granules up to emulsions like oil, syrup, cream, soap,...).
- Measurements in different chemical and pharmaceutical production plants, e.g. before and after dryers, belt conveyors, an exchange points, in pipes and tanks.
- Monitoring and controlling of production processes.
- Make full use of safe of energy.
- Implementation of the moisture / water content value in control systems.

Selection:

- Looking for and fixing of a good installation place.
- Selection of suitable LIEBHERR sensor and accessories.
- Installation at measurement point with data recording.
- Parameterization with start-up direct at the plant.

Solution:

- LIEBHERR Moisture Measurement FMS II with standard sensor or small P 30 sensor, eventually flange- or Varivent adaption.
- Electronic module, software and suitable accessories.
- Data transfer of measurement values to control system.

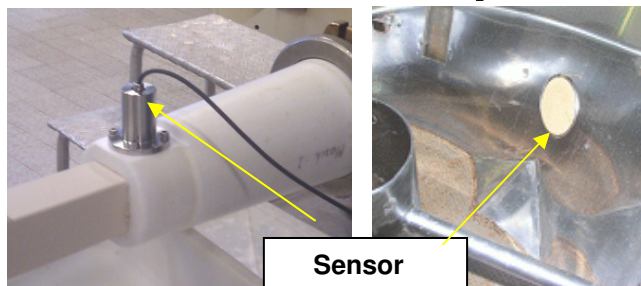


Litronic-FMS II:
Sensor, electronic module and software.

Customer`s benefit:

- Exact monitoring and controlling of moisture/water content.
- Quality and process safety.
- Process analysis.
- Transparency by recording of all data.
- Fully automatic drying processes.

Installation examples:



Sensor
Powder & bulks



Flange adaption



Carrying out in accordance with FDA requirements.



Lab funnel

Upon request we would be glad to send further information or references.