

FL-Wapp Food Sensor

Moisture sensor for use in food production



Usage and applications

Moisture measurement with universal application possibilities. Applications in food industry.

Special Features

- Wireless parameterization / calibration via all WLAN terminal devices
- Secure operation outside areas of risk
- For use in food production in accordance with EC Regulation No. 1935/2004 and the LFGB
- Unlimited favorites list for differentiated materials
- Filter algorithms specially designed for universal applications
- Effortless changing of measuring head on site
- Easy incorporation into new or existing batching plants
- Protocol of measured values is stored in EXCEL format for easy sharing
- Even via WLAN in process networks
- Extremely compact

(Technical Data)

Power Supply	+24V DC (+/- 25%)
Output (analog)	Moisture: 0-20 mA or 4-20 mA / Temperature 4-20 mA
Input (digital)	Start Measurement
Measuring Range	0-15,0% or 0-XX,X% (depending on material) / 0-80°C
Accuracy	depending on measure range and material (approx. ±0,3%)
Power Consumption	1.5W
Parameterization / Measured values	WLAN / APP (via UDP protocol)
Temperature Range	0-80°C
Cable Connection	5 x 0,25 mm ² shielded (foil shield) L: 2 m. with miniature round connector, 5-pole
Dimensions	Ø: 75 mm, Lenght: 100 mm
Weight	1,8 kg
Cover	Stainless Steel (1.4404) / IP 68 / Exchangeable measuring head