LUDWIG
Moisture Control

MADE IN GERMANY · EST 1973

FL-WAPP Sensor – Food-Certification
Ready for Industrie 4.0

The moisture measurement sensor for use in food production

➡ Wireless parameterization/calibration via all WLAN terminal devices

➡ Secure operation outside of danger zones

➡ For use in food production in accordance with EC Regulation No. 1935/2004 and the LFBG. FDA certified measuring surface

➡ unlimited favourites list for different materials

➡ filter algorithms specially developed for universal applications

➡ Integration into the process control analog/digital or via WLAN

➡ protocol of measured values is stored in EXCEL format for easy sharing
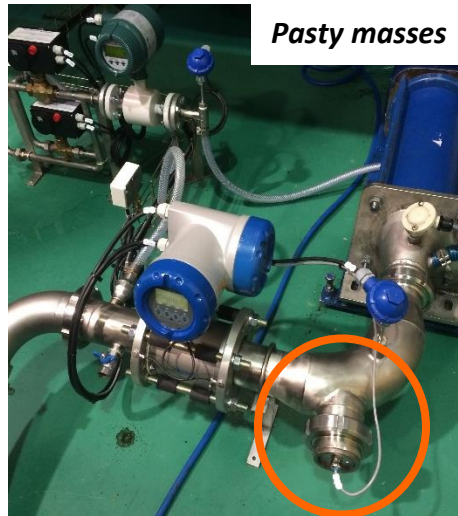
➡ changeable measuring head
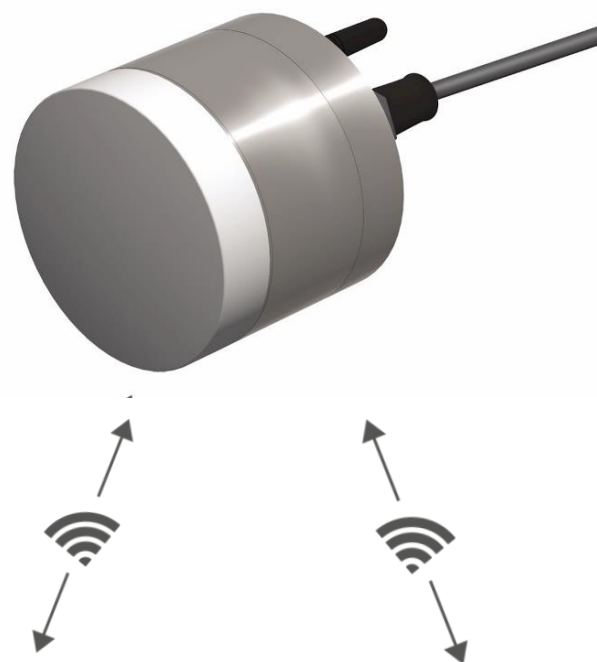
TECHNICAL DATA

Power Supply	12 - 24V DC
Output (analog)	Moisture: 0-20 mA oder 4-20 mA / Temperature: 4-20mA
Input (digital)	Start Measurement
Measuring Range	0-XX, X% (abhängig vom Messmedium) / 0-80°C
Accuracy	depending on measurement range and material (ca. ± 0,3%)
Power Consumption	2 Watt
Parameterization/ Measured values	WLAN / APP (via UDP-protocol)
Temperature Range	0-80°C
Cable Connection	5x0,25 mm² shielded (foil shield), L: 2m., with miniature round connector, 5-pole-plug
Dimensions	Ø: 75 mm, L: 100 mm
Weight	1,8 kg
Cover	Stainless Steel (1.4404) / IP 68 / Exchangeable measuring head

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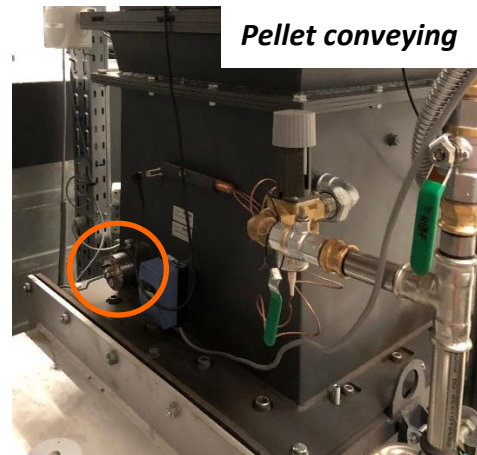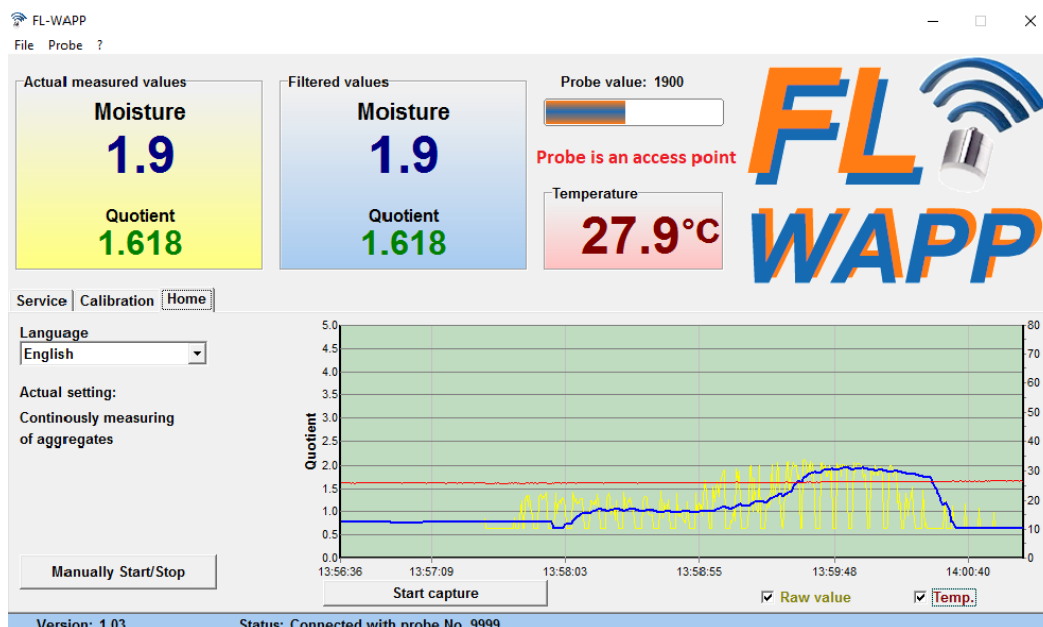

Pasta production

Pasty masses
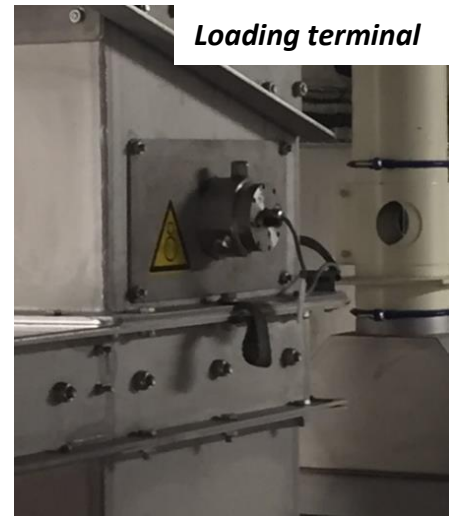
Loading terminal

Harvesting

Pellet conveying

PC operating software for parameterizing, sensor calibration and measurement recording