



# FL-DIGI-MODUL

The digital evaluation unit for Microwave Moisture Probes



## Application:

In concrete, ceramic, glass, foundry, pharmaceutical, food and agriculture industries as well as in sewage sludge processing



## The advantages of the latest development in moisture measuring technology:

- Various uses through individual parametrical Evaluation-Logarithms
- Easy parametering via Window compatible software (PC, Notebook or PLC)
- Graphic online recording of the measured signal via PC, Notebook or PLC
- Ability to connect 2 Microwave Moisture Probes and 2 Temperature Probe
- Advanced Ethernet Technology offers the possibility of remote servicing

## Technical Data

Type of Enclosure	Aluminium pressure die casting (IP66) with fixing clamp for 35mm DIN mounting rail H: 120 mm, W: 220 mm, D: 90 mm
Weight	1 kg
Power Supply	24 V / DC ( $\pm 10\%$ )
Power Consumption	10 Watt
Temperature Range	0 - 50° C
Measuring Range	0-15,0% / 0-XX.X% (depending on material)
Accuracy	depending on measure range and material (approx. $\pm 0,3\%$ )
Calculating Speed	100 Mega-FLOPS (Million Floating Operation Points per Second)
Outputs analog	2 x 0-20mA (4-20mA, 0-10V)
System Integration (standard)	RS232 / RS485 / RS422 / ETHERNET
System Integration (optional)	CAN / PROFI-BUS
Connection for Moisture Measuring Probes	2
Digital Inputs	2 start inputs
Connection for Temperature Probe	2