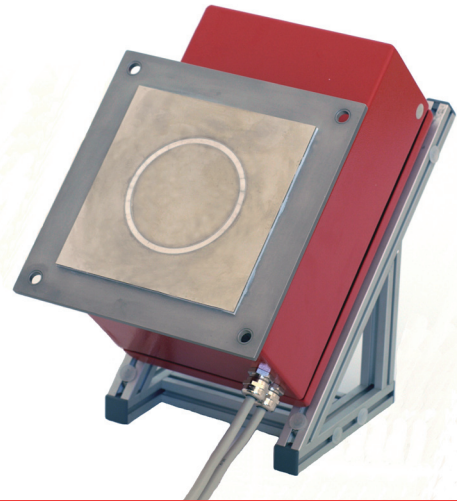


MoistureOne -

In-line detection of the water content of a product



Advantages

Microwave based measuring technology

- Density-independent measurement of surface and core moisture with 2PMR technology
- Fast and accurate measurement
- Independent of color and structure of the product

Improvement in production

- Quality assurance
- Less rejected material
- Reduction in downtimes

Optimized processes

- Considerable time savings
- Shorter start-up phase
Fast and early detection of faults
- 4-20 mA output signal for real-time process control using controllers

User-friendly handling

- Simple calibration
- Low maintenance

MoistureOne is a simpler version of the MoistureScan system. It has been developed for production processes that do not require the full scope of MoistureScan but do not want to dispense with reliable and fast moisture measurement.

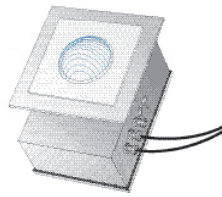
MoistureOne is based on 2PMR technology and is therefore independent of density. A product can be measured and its moisture used immediately and continuously as a 4-20mA signal, for example, in the PLC.

Optionally, MoistureOne can be supplied with a COM server for connection to your company's intranet, a connection cabinet, or further software.

Your benefit

- Excellent price/performance ratio
- Precise in-line moisture measurement
- Long-term stable calibration

Components



Sensor

Technical Data

Measuring range:	depending on product, typically 0 - 18%
Repeat accuracy:	1% of final value of selected measuring range [i.e. measuring range 0-10% = 0,1% accuracy]
Power supply:	24 VDC
Temperature	
- product:	0 - 75°C
- ambient:	0 - 40°C
Measuring time:	up to 1000 per second
Different products:	1
Interfaces:	
- serial:	RS 422 for connecting the terminal
- analog:	4 – 20 mA, moisture and temperature
Type of protection:	dust protected and splash-proof [IP 54]
Size and weight	
- sensorhead:	180 mm x 225mm x 300 mm, weight 11 kg

Software

Softwarepackage Light for visualisation and calibration the one product

Technical data are subject to change.

You will receive further information at:

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