

Bioenergy

***humimeter* wood chips moisture transmitter**  
***humimeter* universal moisture transmitter**  
online moisture transmitter for determination of water  
content of wood chips and further material



78,0 °F | 6,16% | 456 kg/m<sup>3</sup> | -27,3 td | 0,64 aw | 51,9% r.H. | 14,8% abs | 100,4 g/m<sup>2</sup> | 09 m/s | 4,90 Ugl | 163 μm | 23,2 °C | 78,8 °F | 6,21% | 1424 kg

## *humimeter* wood chips moisture transmitter

## *humimeter* universal moisture transmitter

online moisture transmitter for determination of water content of wood chips and further material

analogue output water content 4-20 mA

optional: analogue output temperature 4-20 mA, display and keypad



symbolic photo  
universal moisture transmitter

### Key data:

*humimeter* wood chips moisture transmitter for online determination of water content of wood chips class P16 to P45 for installation in a screw conveyor

- Power supply 24VDC (15 to 29VDC)
- Measuring range 10 – 50% water content (represents 100% wood moisture)
- Resolution 0.1%
- Close material contact to measuring surface of sensor required

*humimeter* universal moisture transmitter (with customer-specific adapted sensors)

- Power supply 24VDC (15 to 29VDC)
- Measuring range dependent on application
- Large, well-lit LC display
- Analogue outputs 4-20 mA for water content and temperature
- Automatic temperature compensation

### Online determination of water content:

The *humimeter* wood chips moisture transmitter enables the facile online determination of water content of wood chips or further material.

*humimeter* wood chips moisture transmitters can easily be integrated also in existing plants and are therefore ideal for optimizing your dryer, oven or plant relating to the water content.

This enables an efficiency improvement of your oven, a reduction of the energy consumption for drying and in general a rising efficiency of your plant, which means the fabrication of a product of higher quality.

The connection to a control system can be realised by the 4-20mA analogue output. As the *humimeter* online wood chips moisture transmitter is readily calibrated, the installation can be realised with a modicum of effort.



Climate /  
Environment



Foods



Bioenergy



Material



Buildings



Paper / Board

### Schaller GmbH

Max-Schaller-Straße 99, A - 8181 St. Ruprecht an der Raab  
 Tel +43 (0)3178 - 28899 , Fax +43 (0)3178 - 28899 - 901  
 info@humimeter.com, www.humimeter.com

Any technical changes reserved. Pictures do not show possible changes that have been made on different models.  
 A wide range of other instruments and external sensors can be found at [www.humimeter.com](http://www.humimeter.com)