

Bioenergy

BLC humidity transmitter

Online moisture sensor for water content determination of wood chips, pellets, sawdust and other materials
Ideal for pellet manufacturers, chipboard producers or wood gasification plant operators



78,0°F | 6,16% | 456kg/m³ | -27,3td | 0,64aw | 51,9%r.H. | 14,8%abs | 100,4g/m² | 09m/s | 4,90Ugl | 163ym | 23,2°C | 78,8°F | 6,21% | 1424 kg/m³

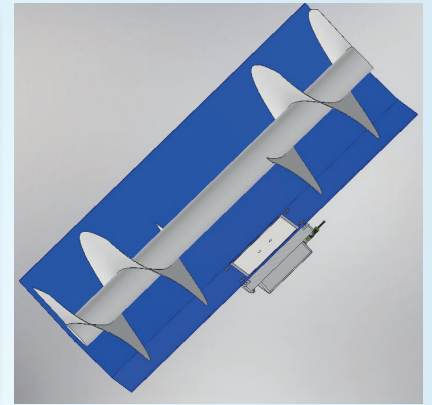
BLC humidity transmitter

Ready-calibrated system for continuous real-time water content determination of wood chips, pellets, shavings and other materials. Designed to be directly installed in the material stream in a screw conveyor or bunker..



Technical data

- Measuring range wood chips: 2 - 60 % water content (corresponds 2 - 150 % wood moisture)
- Measuring range pellets: 2 - 20 % water content
- Measuring range sawdust 2 - 60 % water content
- Resolution 0,1 %
- Measuring range temperature -10 °C to +70 °C
- Temperature range for water content determination: 0 to +50 °C
- Automatic temperature compensation
- Illuminated display
- Supply 24 VDC (15 to 29 VDC)
- Analog outputs 4 to 20 mA for water content and optionally for temperature
- Dimensions: 226x156x86 mm
- Weight: 2,5 kg
- Protection class: IP54

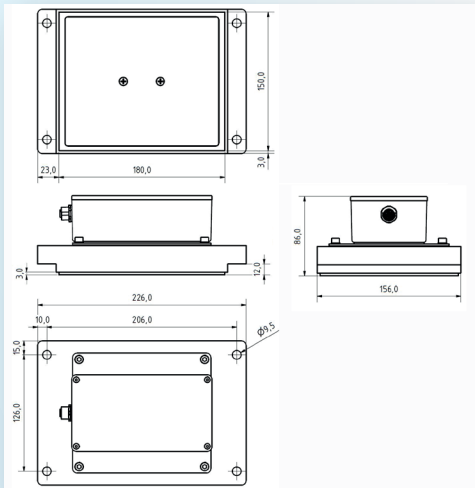


Online water content determination:

With the BLC moisture transmitter, online water content determination is possible from dry to highly moistened material (2 to 60 % water content). The BLC transmitter is often used in wood gasification plants for process optimization or in pellet/chipboard production to determine the exact water content in real-time during the production process.

BLC moisture transmitters can also be integrated into existing plants very easily.

The connection to a control system can be realized using a 4-20mA analog output. Analogausgang durchführbar. As the BLC moisture transmitter for online moisture measurement of wood chips, shavings and pellets is already fully calibrated, setup can be realized easily.



Climate &
Environmet



Food



Bioenergy



Material



Buildings



Paper / Board

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Any technical changes reserved. Pictures do not show possible changes that have been made on different models.
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