humimeter.com

Humidity transmitter LF / LF-T

Humidity transmitter for laboratory- and climate control, drying, wood processing industry, food industry, humidity in constructions, agriculture, printing and paper industry, animal feed industry, biotechnology and pharmaceutical industry.

Your benefits:

- Long product life by using a strong industrial design
- High long-term stability and repeat accuracy
- Low installation time

Humidity- and temperature transmitter

quick - strong – long-term stable

A new and revolutionary powerful humidity- and temperature measuring instrument series with a high temperature range.

www.humimeter.com

Schaller GmbH, Max-Schaller-Straße 99, A – 8181 St.Ruprecht/Raab, Tel +43(0)3178 / 28899 -0, Fax: DW-902, info@humimeter.com

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The relative equilibrium moisture content and the absolute moisture of material

The relative equilibrium moisture content of a material indicates the relative moisture of ambient air counterbalancing the material. In this case the material does not absorb or release any moisture.

The absolute moisture of material indicates the percentage of water content of a material referred to the total weight (paper, grain,...) and with some materials (e.g. wood) referred to the dry mass.

Almost all materials that surround are hygroscopic. This means that they soak up moisture from the surroundings or set moisture free.

In order to avoid very costly mistakes due to incorrect moisture levels, you have to check the moisture of material in the manufacturing and treatment processes to give you the chance to take suitable measures in time.

Due to its longstanding experience in this field and constant research, **Messtechnik Schaller GmbH** has attained the **highest** quality in the development and production of air humidity and material moisture meters for **professional applications.**
Our main areas are: **climate, environment, foods, bioenergy, buildings, paper, board** and **various other materials.**

More than 25 000 customer-specific solutions have been designed and produced for industry and university institutions.

Our technicians provide reliable support and are available to answer your questions and solve your technical problems.

Article no.10347 **T 85/120 Temperature transmitter -40 to +120°C with sensor tube made of stainless steel and feeder clamp**
Temperature range: -20°C to +85°C
Calibration: +/-0,5°C (at 25°C)

Article no.10368 **LF 85 Humidity transmitter with feeder clamp**
Temperature range: -20 to +85°C
Calibration: 0 bis 90% +/-2%r.h. (at 25°C),

Article no.10279 **LF-T 40 Humidity and temperature transmitter with feeder clamp**
Temperature range: 0 to +40°C
Calibration: 20 to 90% +/-3%r.h. (at 25°C),

Article no.10076 **LF-T 60 Humidity and temperature transmitter with 5 meter connecting cable**
Temperature range: -20 to +60°C,
Calibration: 0 to 90% +/-2%r.h. (at 25°C)

Article no.10260 **LF-T 85/120 Humidity and temperature transmitter with 0.5 meter sensor tube made of stainless steel and connecting plug**
Temperature range: -20 to +85 °C
Calibration: 0 to 90% +/-2%r.h. (at 25°C)

Article no.10280 **LF-T 140 Humidity and temperature transmitter with 0.75 meter sensor tube made of stainless steel and connecting plug**
Temperature range: -20 to +85 °C
Calibration: 0 to 90% +/-2%r.h. (at 25°C),

Know-how obtained through decades of research and development!

A wide range of other instruments and external sensors can be found at www.humimeter.com

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