

BM31 MOISTURE INDICATOR

Quick localisation of near-surface moisture



The BM31 is an electronic moisture indicator by use of which one can quickly and easily detect near-surface moisture in different materials and expeditiously locate moisture distributions in wall, floor and ceiling.

Owing to the dielectric measurement method, moisture indication takes place in an absolutely non-destructive manner, no electrodes or probes have to be inserted into the material to be measured.

A few practical benefits:

- *Development, design, production: 100 % Trotec*
- *Quick and non-destructive indication of moisture distributions in near-surface areas*
- *Useful pre-examination tool for CM measurements*
- *Maximum or minimum value and hold function*
- *Automatic testing of functions and batteries*
- *Ready for immediate use*
- *Optimum price-performance-ratio*
- *Backlit display*
- *Automatic switch-off*
- *Practice-optimized German industrial design – protected design patent*

TECHNICAL DATA

General information

Article number	3.510.205.031
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Wood moisture [%]

Min. measuring range [%]

Max. measuring range [%]

Resolution [%]

Accuracy [%]

Measuring principle

Min. temperature compensation [%]

Max. temperature compensation [%]

Material moisture [%]

Min. measuring range [%]

Max. measuring range [%]

Accuracy [%]

Resolution [%]

Measuring principle

Material moisture [digits]

Min. measuring range [Digit]	0
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Accuracy	1
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Resolution [Digit]	1
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Measuring principle	Dielectric/capacitive
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Min. penetration depth (non-destructive) [mm]	5
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Max. penetration depth (non-destructive) [mm]	40
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Max. measuring range [Digit]	100
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Power supply

Internal (battery)	1 x 9 V battery
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Device control

Push buttons

Thumbwheel

TECHNICAL DATA

Ambient conditions

Operation - min. temperature [°C]	0
Operation - max. temperature [°C]	50
Operation - min. relative humidity [% r.F.]	
Operation - max. relative humidity [% RH]	80

Display

LCD
Monochrome

Housing design

Plastics

Dimensions

Length (packaging excluded) [mm]	180
Width (packaging excluded) [mm]	35
Height (packaging excluded) [mm]	45

Weight

(packaging excluded) [kg]	0.18
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