



Monitorix® CORE-sensor

INNOVATIVE CONSTRUCTION TECHNOLOGY
AND SUPPORT FOR THE FUTURE

MA Nr. 60312/24/10/EN

TAKE THE BEST



Assembly video



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Packaging unit: 1 pcs.
Dimensions:
Length: 57 mm
Width: 57 mm
Height: 15 mm

The CORE-sensor is used for the selective detection of wood moisture, humidity and temperature.

Measuring ranges:
Humidity: 0 - 100 %
Temperature: -40° to 100°
Wood moisture: 6% - 30%
Measuring depth: 0 - 40 mm (Standard
on request - 120 mm)

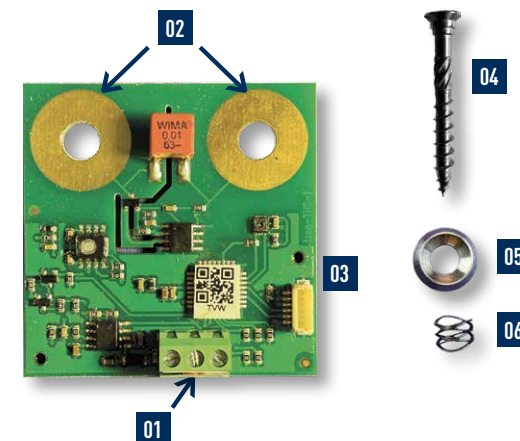
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The Monitorix CORE-sensor includes:

- 01 1x connection (LIN-BUS) to the electronics
- 02 2x gold-plated contacts for spring / mounting holes
- 03 1x Serial number
- 04 2x Sensor screw 5.0 x 45 mm
- 05 2x Washer for mounting the spring
- 06 2x Spring to compensate for shrinkage and swelling of the wood

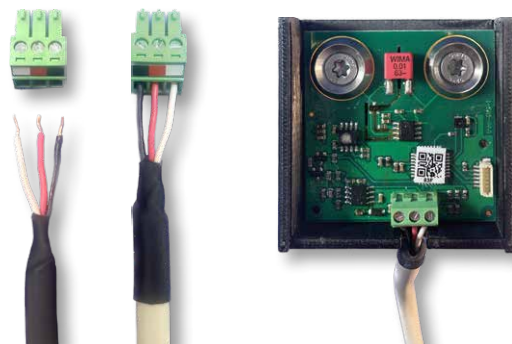
3

Connections and components



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Connecting the sensor cable CORE/-DIGITAL to the CORE-sensor



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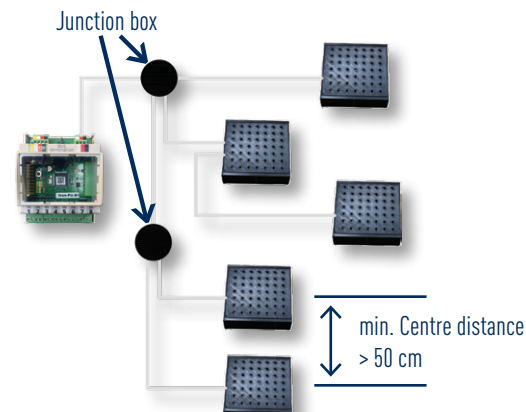
Connecting the sensor cable CORE/-DIGITAL to the electronics (processor unit or connector)

Up to 8 pieces per electronics



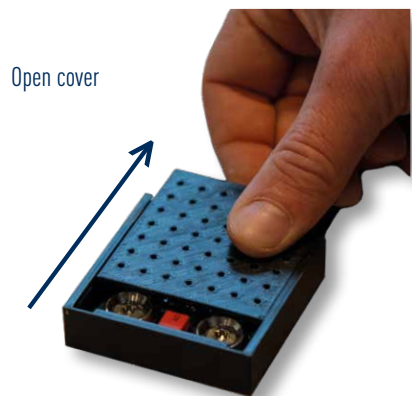
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CORE-sensor connection possible in a star-shaped arrangement



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Assembly



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Assembly

Attaching the CORE-sensor

! Note !

Full functionality cannot be guaranteed if reinstalled in the same hole.

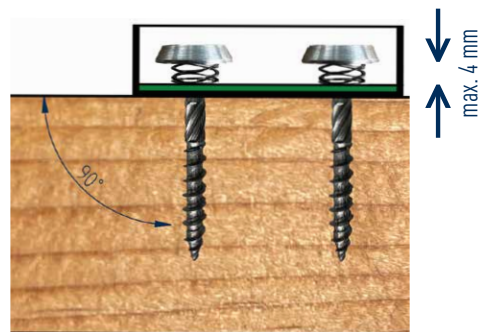
After screwing in the measuring lugs, wait 24 hours (to allow the screws to adjust to the temperature).



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Assembly

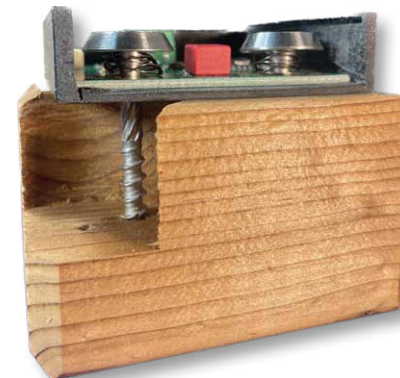
Fastening 90° to the surface
Compress springs to max. 4 mm



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Assembly

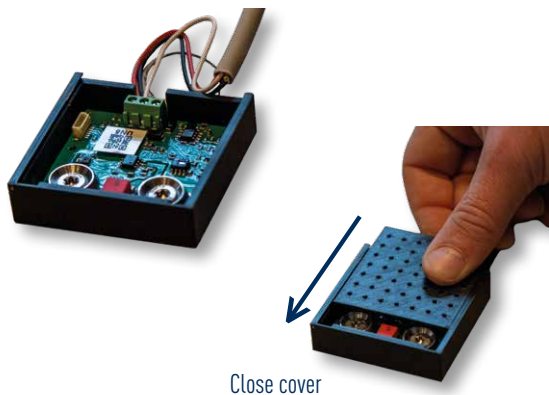
Final assembly condition



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Assembly

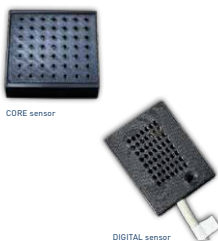
CORE-sensor attached incl. sensor cable CORE/-DIGITAL connection



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After completion, the documentation must be sent to monitoring@sihga.com after completion

Position / Description CORE and DIGITAL sensor	Serial number sensor



Template for download at
<https://www.sihga.com/en/service/download/monitorix/>

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Document the serial number of the respective device



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! Note !

Proper documentation is required to ensure the correct assignment of sensors in the cockpit

