

5. Scaling of analogue output

The water content values are transmitted continuously via the 4 to 20mA analogue output.

The output of temperature values is available optionally.

signal	type	Minimum value	Maximum value
moisture	4 to 20mA	4mA \triangleq 0%	20mA \triangleq 30%
temperature	4 to 20mA	4mA \triangleq -10°C	20mA \triangleq 70,0°C

6. Calibration curves

Name	Description	Measuring range
1 – wood chips	Wood chips of very high density	2 - 30%
2 - wood chips	Wood chips of high density	2 - 30%
3 wood chips	Standard wood chips	2 - 30%
4 + wood chips	Wood chips of low density	2 - 30%
5 ++ wood chips	Wood chips of very low density	2 - 30%
<i>Reference</i>	<i>Only for Schaller GmbH</i>	

7. Adjust

After the installation, as well as every 4 weeks in operation, the moisture transmitter has to be adjusted.

For that, the BRC transmitter has to be switched on for at least five minutes before starting the adjustment.

Make sure that there is no material on the black sensor area. The temperature of the sensor should be nearly the same than during the measurement.

Press two times the left button (⊕) to change into the main menu.

Select the menu item “**Options**” using the ▲ or ▼ button and confirm by pressing the second button (⊞).

Then navigate to “**Adjust**” using the ▲ or ▼ button and confirm by pressing the second button (⊞) again.

Now a message box “**Reinitialize?**” will appear.

Confirm by pressing the second button (⊞).

