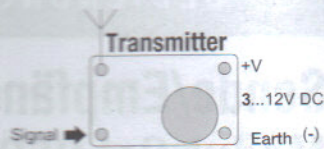


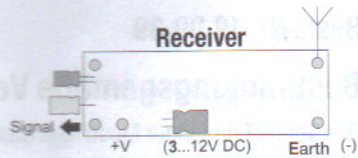
## Connecting and commissioning the module

Solder the power-supply cables to the soldering points of the module. Always pay attention to the correct polarity of the connecting cable. The minus cables are connected to the soldering point "ground (-)" and the plus cables to the point "+V" at the two modules. Connect the input signal for the transmitter to the two points "ground (-)" and "Signal =>".



At the receiver you can tap the transmitted signal to the two points "signal <=" and "ground (-)" and feed your evaluation electronics (not included in the scope of delivery).

Solder an approx. 8-cm long wire to the soldering point bearing the aerial symbol.



Before switching on the operating voltage, please check that the cabling is correct. Also make sure that the soldering points of the connecting cables do not show any shorts.

After creating the operating voltage and the input signal at the transmitter, the data will be transmitted. Please make sure that the transmitter does not transmit without an input signal!

Caution! The range can be impaired through external sources of disturbance (buildings with reinforced concrete, electronic devices etc.).

## Technical data

	Transmitter =	Receiver
Operating voltage	3 – 12 VDC	3 – 12 VDC
Power consumption	approx. 2 - 10 mA	1 mA
Transmitter = Reception frequency	868 MHz	868 MHz
HF modulation	AM	
Bandwidth	approx. 2 kHz	
Output power:	< 10 mW	
Input /output signal	Right-angle signal (Manchester coding, amplitude dependent on the volume of the operating voltage of the transmitter) e.g. 3 to 15 V <sub>ss</sub> at 12 VDC	Hi +0.8 V; Lo 0 V
Operating temperature	20°C to 70 °C,	-20°C to 70 °C,
Dimensions (LxWxH)	20.5 x 14.5 x 5 mm	45 x 20 x 15.5 mm



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The operating instructions reflect the current technical specifications at time of print. We reserve the right to change the technical or physical specifications.

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