



Transmit



Receive



Decode



Control

Transceiver Module RTRM08



The Transceiver Module RTRM08 sends and receives Easywave telegrams at 868.30 MHz with FSK modulation.

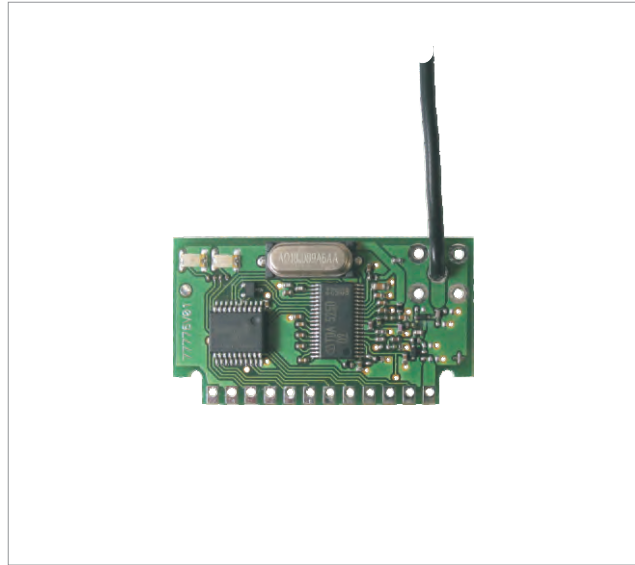
The standard model comes with a whip antenna. Other options like coaxial antenna connectors are available on request.

Up to 32 Easywave transmitters can be memorized by the RTRM08 module. Additionally, the RTRM08 stores 16-bit user data associated with each Easywave transmitter. The storage is persistent (EEPROM).

The separate request output allows to work without any polling.

The device has a power down state with low current consumption when being inactive. LEDs indicate transmission and reception operation (optional).

For further information please visit our website at: www.eldat.de.

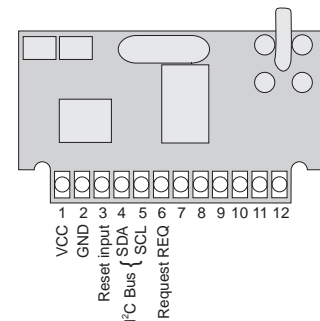


RTRM08E5001-01-00EP

Technical Details

Coding	factory coding with Easywave Telegram up to 32 transmission codes can be memorized
Conformity	EN 300 220
Channels / Frequency	32 (receive) / 32 (transmit) / 868.30 MHz
Power Supply	2.1 - 5.25 V DC
Current Consumption	standby: approx. 3.4 mA, transmission: approx. 17.3 mA
Bus-interface	I ² C-Bus (100 kHz clock rate, fixed address, slave)
Operating Temperature	-20 °C to +60 °C
Dimensions	39 x 21.76 x 3.5 mm, Grid 2.54 mm
Antenna length	96 mm

Connection Diagram



Scope of Delivery

- Transceiver Module
- Operating Manual

Models

Product Key	Description
RTRM08E5001-01-00EP	Transceiver Module, 2,1-5,25 V DC