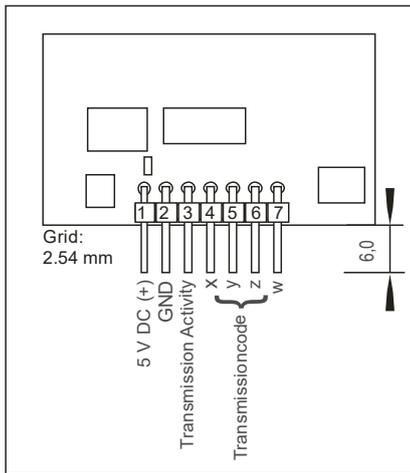


Model



RTM08E5008-01	868.30 MHz
RTM08E6008A01	916.50 MHz

Technical Details

Frequency:	868.30 MHz or 916.50 MHz
Radiated power:	868,30 MHz: 0.25 mW
Modulation:	FSK
Power supply:	5 V DC
Standby current:	max. 1,5 mA
Transmitting current:	max. 13 mA
Transmission range:	approx. 100 m at optimal free field conditions
Operating temperature:	-20 °C to +60 °C
Dimension:	40 x 22 x 5,8 mm

Intended Use

The transmitter module may only be used to operate radio controls. The manufacturer does not assume any liability for damage caused as a result of improper or non-intended use!

Safety Advice



Before connecting and operating the transmitter module, carefully read through the operating instructions!

Note also the operating instructions of the radio control(s)!

Have faulty transmitter modules checked by the manufacturer!

Do not make any unauthorized alterations or modifications to the transmitter module!

Function

The Transmitter Module RTM08 is a device designed for transmitting a maximum of 16 different digital states. It is permanently under voltage.

The integrated micro controller carries out all necessary important functions for the transmission process. The maximal transmission time is 36 seconds.

In case PIN 3 receives a high a radiogram according to the coding at PIN 4-7 is transmitted.

Coding

Group	Transmission code	x	y	z	w
1	A	0	0	0	0
	B	0	0	0	1
2	A	0	0	1	0
	B	0	0	1	1
3	A	0	1	0	0
	B	0	1	0	1
4	A	0	1	1	0
	B	0	1	1	1
5	A	1	0	0	0
	B	1	0	0	1
6	A	1	0	1	0
	B	1	0	1	1
7	A	1	1	0	0
	B	1	1	0	1
8	A	1	1	1	0
	B	1	1	1	1

0 = GND, 1 = nc

Start-Up

- Connect the module as follows:
 - Power Supply:
 - PIN1: 5 V DC
 - PIN2: GND
 - Kanäle:
 - PIN4-7: transmission code (see coding)
 - PIN 3: (High) transmission activity
- Register the transmission code with the radio control. Please read the operating instructions supplied with the radio controls.



Activate the transmission activity (PIN3) only after setting the codings x, y, z, w (PIN4 to PIN7).

Disposal

Waste electrical products should not be disposed of with household waste!

Dispose of the waste product via a collection point for electronic scrap or via your specialist dealer.

Put the packaging material into the recycling bins for cardboard, paper and plastics.



Warranty

Within the statutory warranty period we undertake to rectify free of charge by repair or replacement any product defects arising from material or production faults. Any non-authorized alterations or modifications to the product shall render this warranty null and void.

Conformity

Hereby, ELDAT EaS GmbH declares that the radio equipment type RTM08 is in compliance with Directive 2014/53/EU.



The Declaration of Conformity can be acquired from the supplier referred to in the delivery documents.

Customer Service

If, despite correct handling, faults or malfunctions occur or if the product was damaged, please contact your retailer or the manufacturer.

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