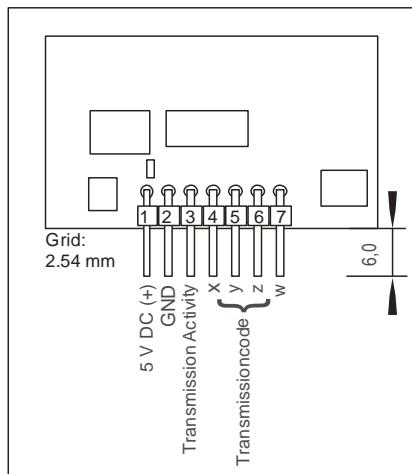


**Model**

RTM08E6008A01

916.50 MHz

**Technical Details**

Frequency:	916.50 MHz
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!

**Installation instruction**

Manufacturers integrating the transmitter module RTM08 into a host device may affix an additional permanent label on their host device referring to the enclosed module: "Contains Transmitter Module FCC ID RZZRTM08916".

The transmitter module is equipped with a permanently attached antenna which is soldered into the printed circuit board. To meet the FCC's RF exposure rules the system antenna may not be co-located or operating in conjunction with any other antenna.

Manufacturers of mobile, fixed or portable devices incorporating this module are advised to clarify any regulatory questions and to have their complete product tested and approved for FCC compliance. Since the module is not shielded, the module grantee bears the responsibility for test evaluation to ensure that the module is compliant in the host device.

**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

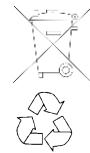
**Start-Up**

1.  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  
Activate the transmission activity (PIN3) only after setting the codings x, y, z, w (PIN4 to PIN7).
2. Register the transmission code with the radio control. Please read the operating instructions supplied with the radio controls.

**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.

**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**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Customer Service**

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

**ELDAT GmbH**

Im Gewerbepark 14  
15711 Königs Wusterhausen  
Germany  
Phone: + 49 (0) 33 75 / 90 37-0  
Fax: + 49 (0) 33 75 / 90 37-90  
Internet: www.eldat.de  
E-Mail: info@eldat.de