

Specification

Remote-control radio unit , transmitter MB1K , 315 MHz

	Min.	mean	Max.	Unit	Remarks
Operating voltage:	3	6,00	7,00	V	2 x 3V button cell, type 2025
Current consumption:	4,00	6,00	7,00	mA	
Closed-circuit current consumption:		0,10	1,00	mA	
Operating frequency: (carrier)	314.85	315	315.15	MHz	
Bandwith:	—	—	—	kHz	OFW-stabilized fixed- frequency transmitter
Modulation frequency: (data rate)	990,00	1000,0 0	1010,0 0	Hz (Baud)	Dependant on resonator tolerance
Type of modulation:		ASK			NRZ
Modulation index:			100,00	%	
Transmitter power:			6000	µV/m	(@3 ms regarding to FCC , part 15)
Spurious emissions:			600	µV/m	(@3 ms regarding to FCC , part 15)
Battery lifespan without activation:		5,00		years	Dependant on supplier
Battery lifespan in regular use:	3			years	15 operations daily without special function
Range in open terrain:	10			m	With suitable receiver, - 90dBm min. sensitivity
Functional temperature range:	-40,00		+ 85	°C	

ASK Transmitter

