RWD022 : User manual

Caution: **Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

After connecting the supply voltage of +5V DC and a serial cable the reader is ready for operation.
Depending on the installed software the reader can be used as a „read only" or a „read/write" device.
If a 125kHz transponder (e.g. EM410x, Q5) is brought into the reading area of the reader it is read automatically.
This datastream will be decoded and checked for transmission errors. The reader sends the data automatically via the serial interface to a host system. If an „ESC"-character is sent to the reader on the serial interface, the reader answers the character string „OK". Shall data be written to the transponder, the command „formatXXXXXXXXXX" has to be sent to the reader. It switches to the „write-mode" and answers „OK". Then it reads the transponder again and sends the data to the host.
Transmissions are done in ASCII-format. The input of the transponder data in the "format"- command is decimal.