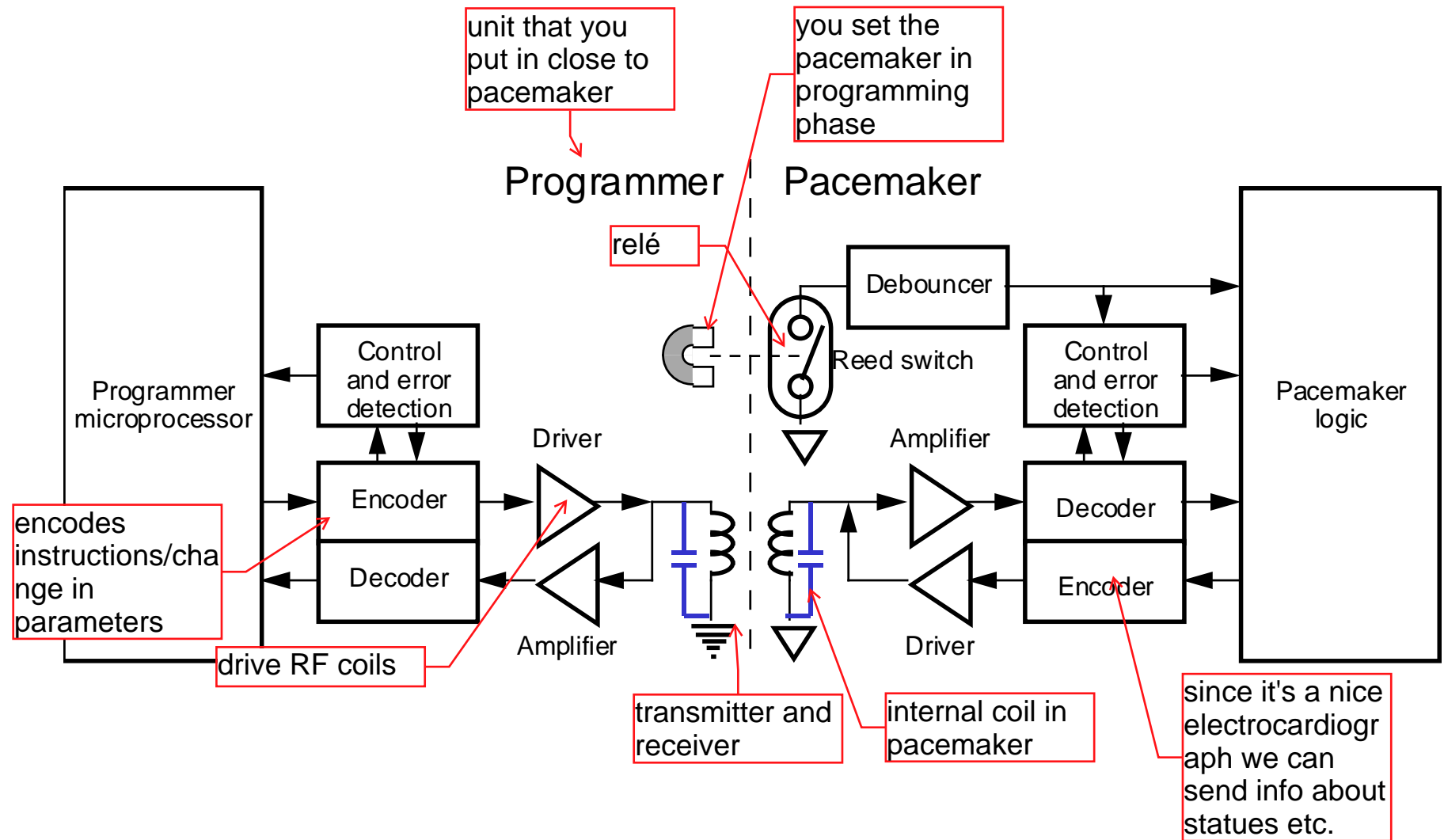
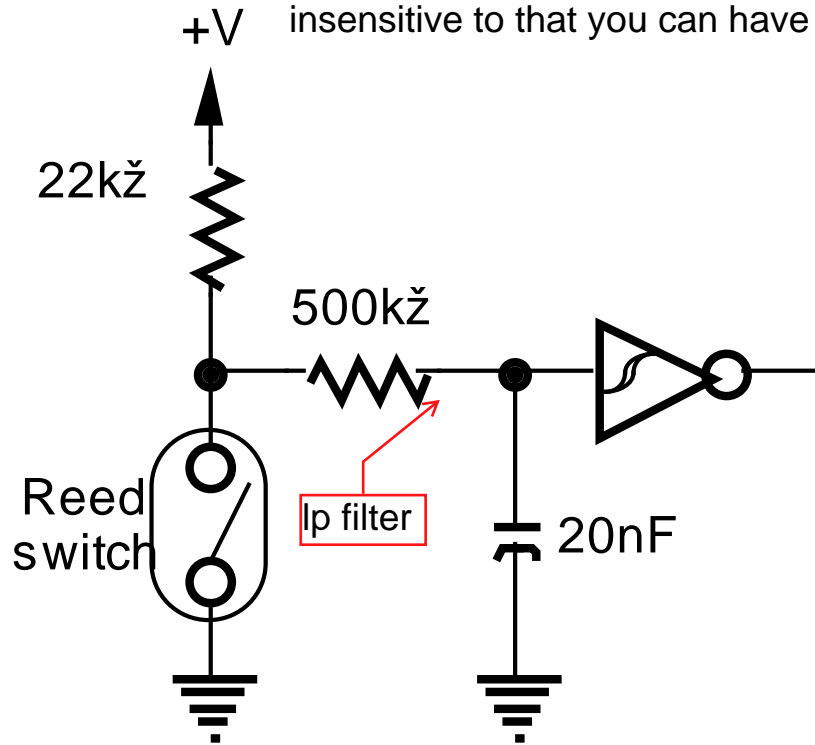




# Telemetry for external programming

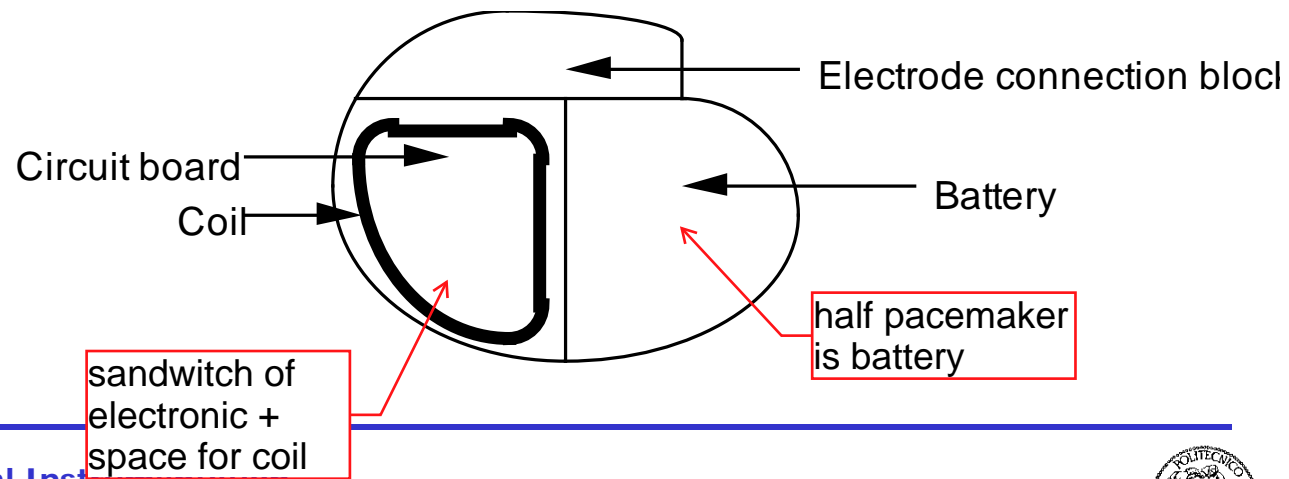


Once you close the relè there could be multiple bouncing (it's not stable). To make el. insensitive to that you can have a LP filter



## Magnetic switch with de-bouncing circuit

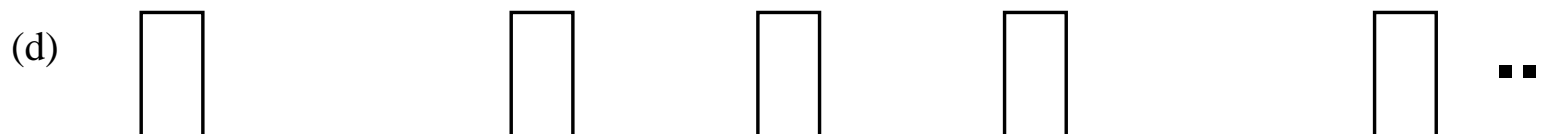
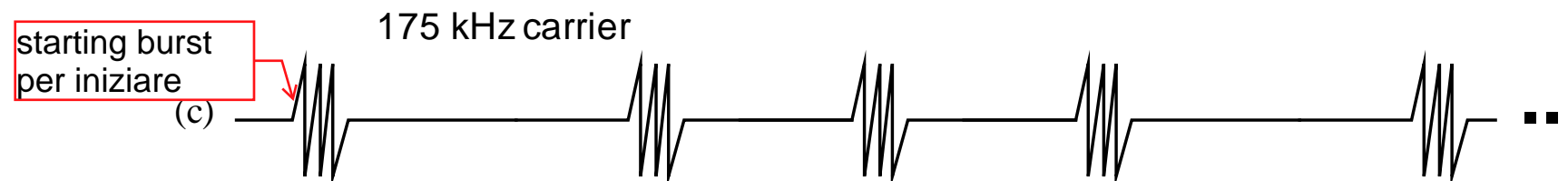
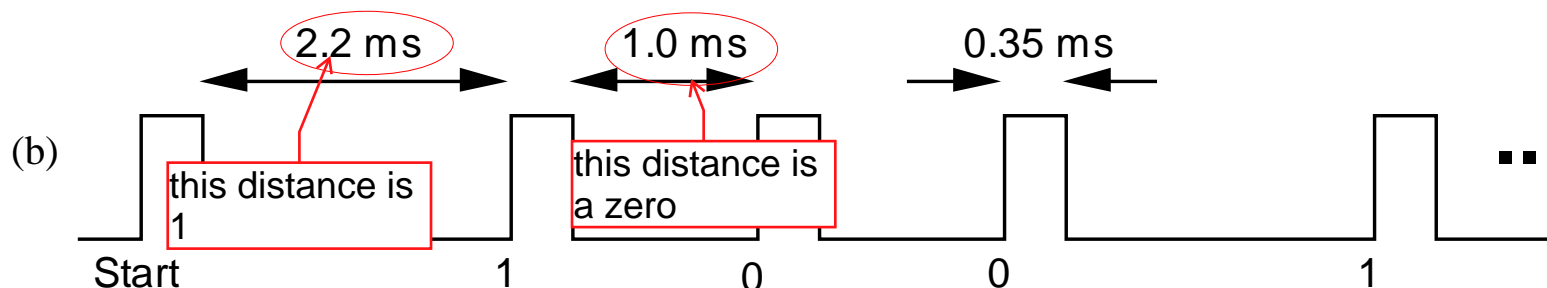
## Coil for RF transmission



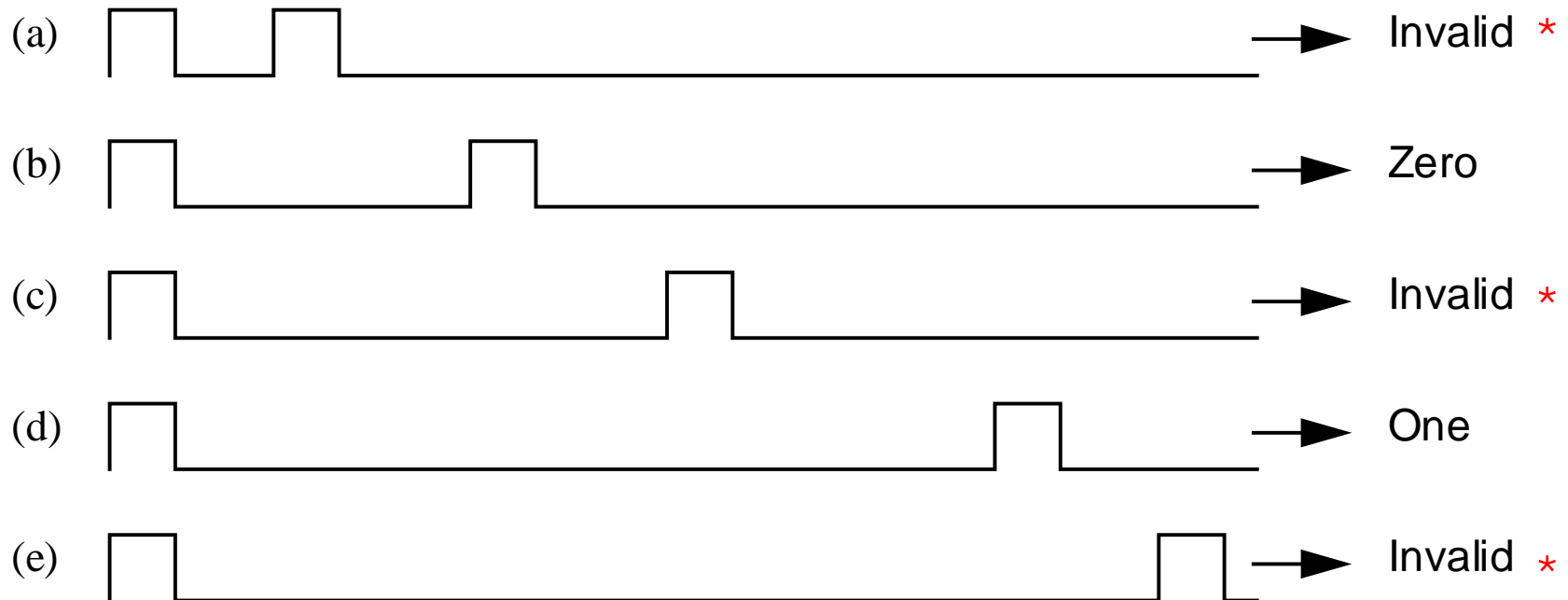
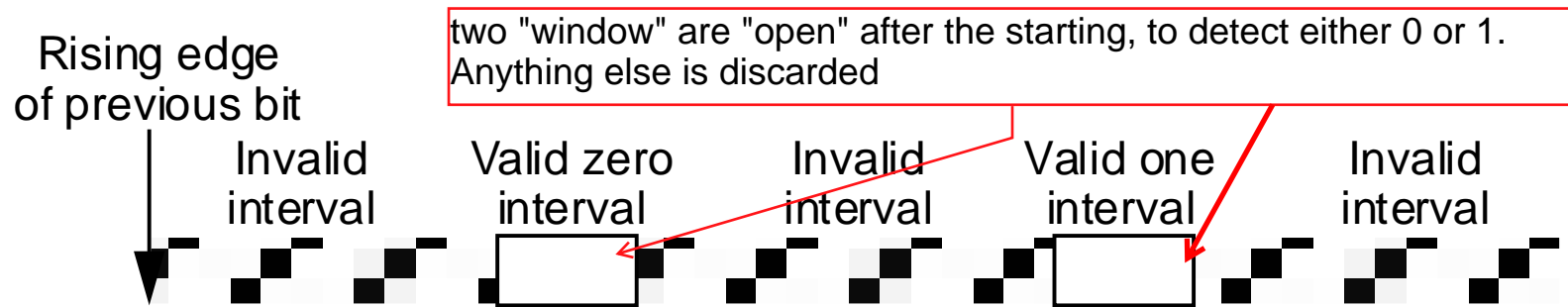
stream of digital sent to pacemaker to change parameter, eg. pulse rate. Series of bit, we have a starting one. We dont code as voltage level, but a **burst of the carrier**. **Distances between burst codes values**. So: 1st what to change, then how, then bits for protocols to be robust

for timing      pulse rate      80 beats/min      code      errors detector

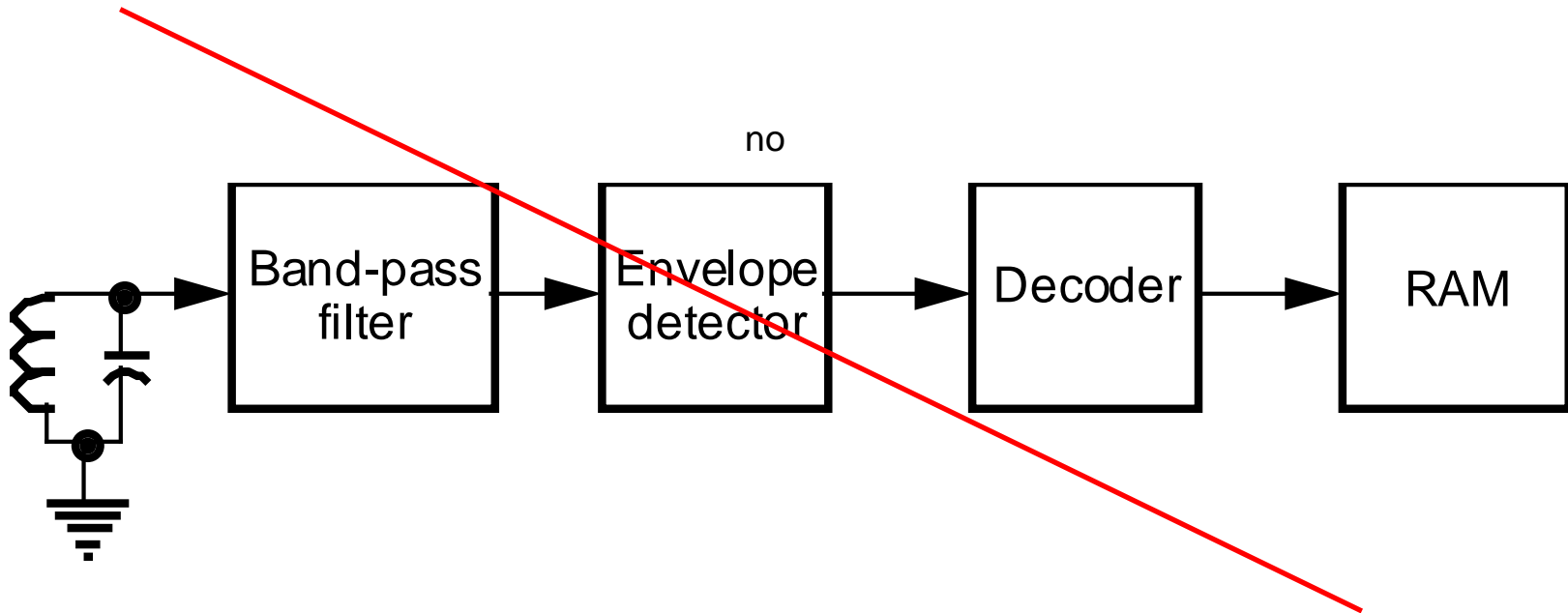
(a)	Start bit 1 bit 1	Parameter no. 8 bits 10010000 MSB    LSB	Parameter value 8 bits 00101100 MSB    LSB	Access code 8 bits 10010111 MSB    LSB	Parity 8 bits 10111100 MSB    LSB
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He "knows" he has to ack bits only IF they are in the correct time interval



\* The whole message is discarded



Circuit for receiver and decoding