The "PIT-BASE III" is a short range device and operates at the frequency of

125 kHz. For recognition of a transponder the "PIT-BASE III" is working

permanently in an idle mode. After a ChipCoin® or Card transponder picks

up energy of the magnetic field the read/write data transfer to the

"PIT-BASE III" takes place by means of amplitude modulation. It has a serial

interface for connection to a single board computer as well as having two $% \left(1\right) =\left(1\right) +\left(1\right) +$

antenna connections