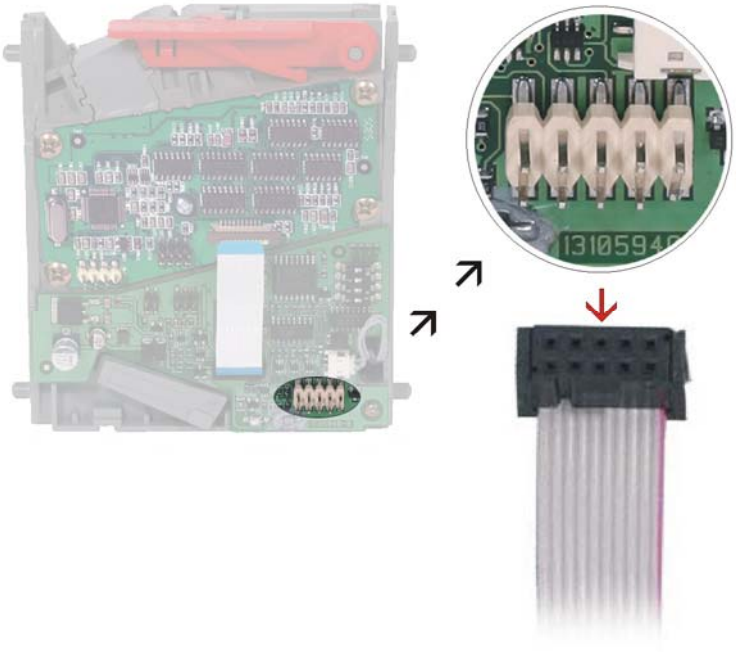
- When the *validator* admits the coin as valid, point **2** on the first picture, it emits a *code* on the data lines informing the machine of the coin value. The pulse of the *code* oscillates between a minimum of 1 millisecond and a maximum of 10 milliseconds.
- Within the 10 milliseconds that the *code* pulse lasts, the *machine* has to confirm to the *validator* that the coin is to be accepted as good. For this it puts the *confirmation line* **Low** for a minimum of 3 milliseconds. If the *machine* does not change the *inhibition line* or it sends this code outside the time limit the *validator* will reject the coin.
- When the *validator* detects that the *inhibition line* is **Low** for a minimum of 1 millisecond, it will deactivate the data lines and activate the acceptance gate solenoid so the coin enters the accepted coin channel. The *validator* can also emit a *code* that can be used to activate the *sorter*.
- When the coin leaves the *validator* through the accepted coin channel, point **3** of the first picture, it emits a *code* on the data lines confirming that the coin has been accepted and has left through the correct channel. This *code* is the same as the first *code* that was sent in point **2** on the first picture.
- When the *inhibition line* goes **High** the *validator* goes to rest mode waiting for another coin.

The maximum time that is accepted between the first communication signal and the second confirmation signal, point 3, of the first picture is of **1 second**

2.2. PROGRAMMING OF 2 COINS OR METALLIC TOKENS

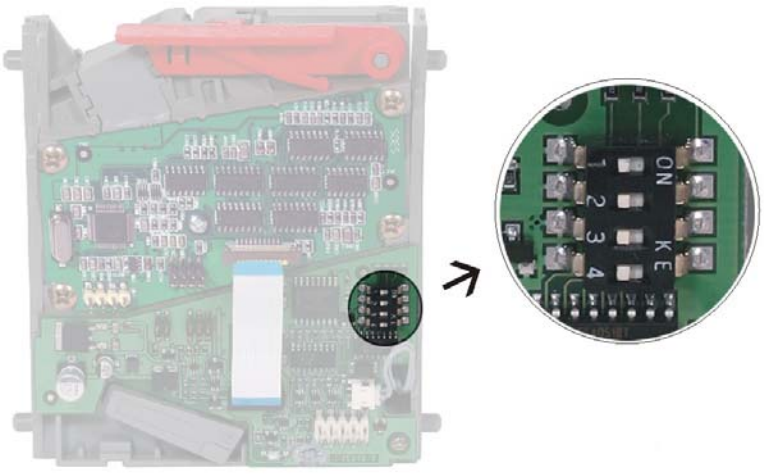
The process to follow to auto-programme these coins or tokens are described below:

1st. Disconnect the loom from connector J1 on the *validator*:

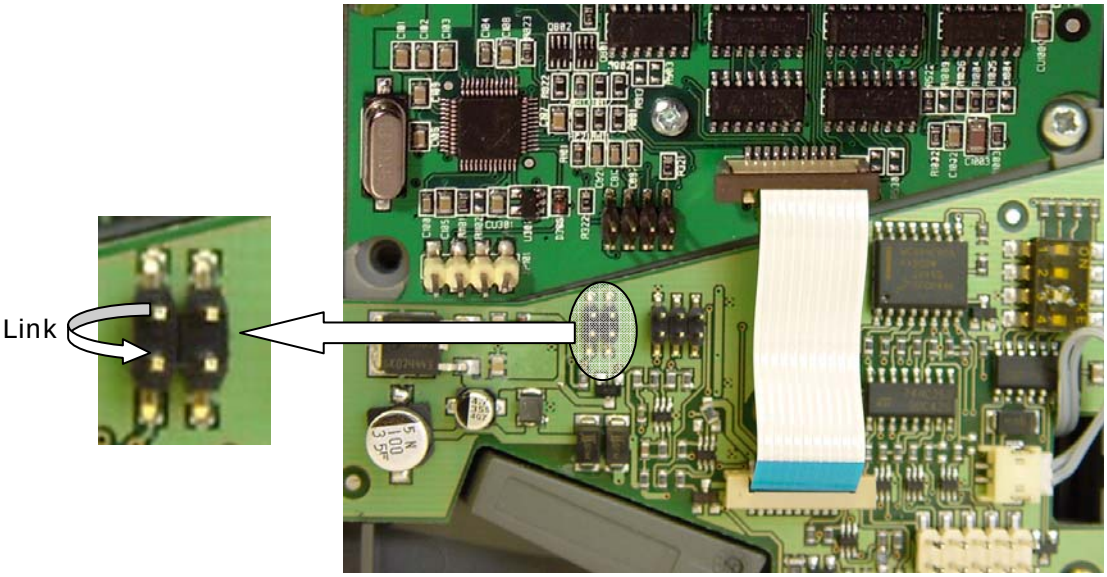


2nd. Remove the cover of the *validator and* activate *Dipswitch* 1 to determine the number of the coin or token you wish to programme.

- *Dipswitch* 1 ON: Token 1
- *Dipswitch* 1 OFF: Token 2



3rd. Short pins 1 and 2 on the 4-way connector J5. The *validator* indicates that it is in “auto programming” mode by briefly activating the acceptance gate solenoid (approximately 100 milliseconds).



4th. Introduce at least 25 tokens of the type you wish to programme into the *validator.* If they are within the acceptance parameters of the *validator*, it will accept them and they will come out of the accepted coin channel.

5th. Now, remove the short from J5. On doing this the acceptance gate solenoid will again briefly active (approximately 1 second); this signal indicates that the programming has been carried out. If there has been any incident in the programming, the acceptance gate solenoid will not activate.

To eliminate the coin or token programmed: place and then remove the short on pins 1 and 2 of the 4-way connector J5

It is important to use tokens made of non magnetic metals