RFID-System

Device for parameterisation KC-PG-LGCT16

KC

Instruction for parameterisation

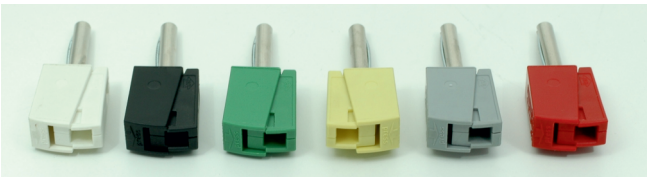
Accessories checklist

1 USB- cable

1 Power cable

1 USB stick

6 Male connectors with wire clamp



Power and USB connection

A. Connect the programming unit with your Laptop/PC.

B. Supply electricity to these programming unit.

C. Insert the USB stick into the Laptop/PC.

D. Open the device manager in the system control.

In the list of connectors two additional USB serial ports with corresponding COM numbers are indicated.

For the first setup of the MOLOScode programming unit the Laptop/PC should be connected to the Internet in order to install the USB driver.

(If the diver is not loaded automatically and installed on your computer, please selected by right mouse click the connection and select „Update driver software“.)

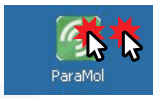
To item 3 and 4

If the COM port interfaces can not be opened, go back to the USB stick and copy the file „paramolConfig“ on your Laptop/PC. Open this file on your Laptop/PC and change the text behind „autoopen“ from „true“ to „false“. Save it afterwards and close the file.

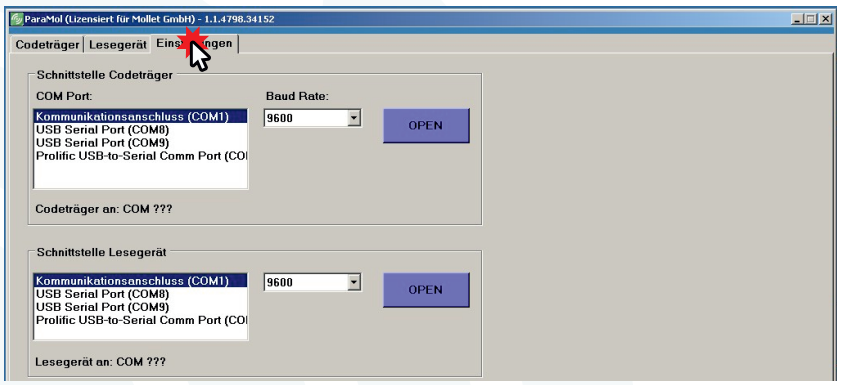
To item 7 respectively 8

If no data are received, interchange the „USB serial ports“ under the flag „Einstellungen“. But first of all click both buttoms „CLOSE“ that „OPEN“ appears. Then select the respectively other „USB serial port“ and then click both buttoms „OPEN“ that „CLOSE“ appears again.

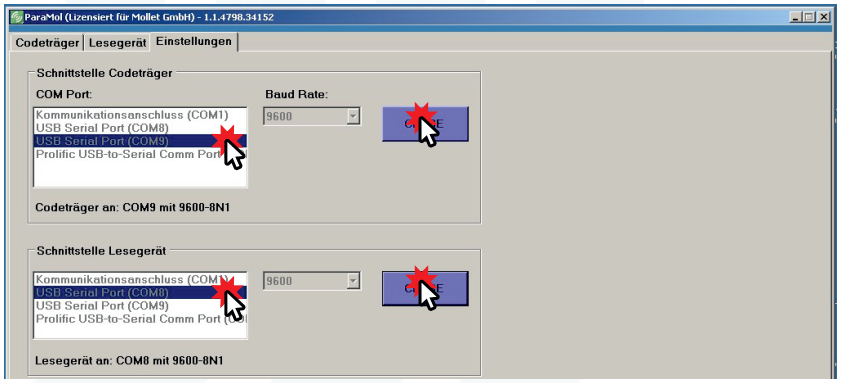
Instruction for parameterisation



1. **Start ParaMol with double click**



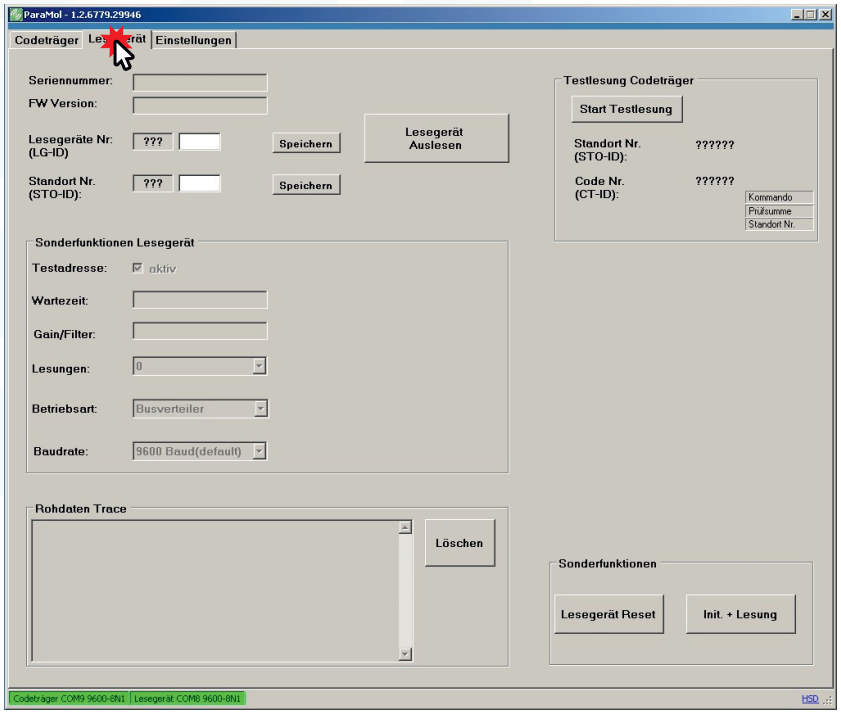
2. **Click the flag „Einstellungen“.**
   An input mask opens, where the „USB serial ports“ can be allocated.



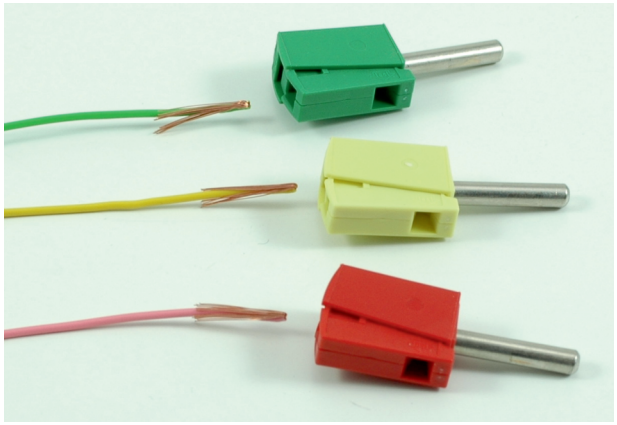
3. **For the interface to the transponder click „USB serial port (COMX)“ and then the button „OPEN“**

4. **For the interface to the reading device click „USB serial port (COMX)“ and then the button „OPEN“**

   Both buttons change to „CLOSE“.



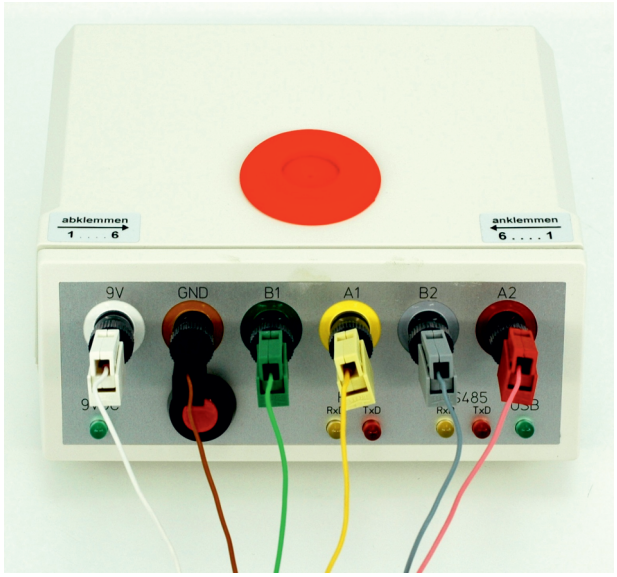
5. **Click the flag „Lesegerät“**
   An input mask opens, where the reading device can be parameterised.



6. Clamp the wires of the reading device into the male connectors

Bend the uncovered wire rearwards, compress the compatible-colored clamp, insert the wire into the very rear and let loose the clamp again.

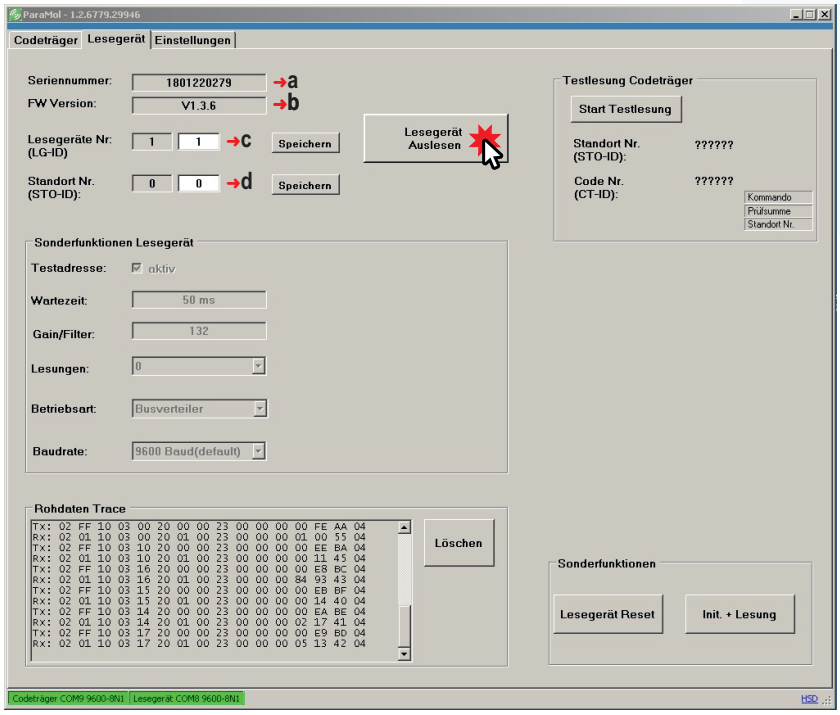
Attention: Combine the brown insulated conductor with the black clamp.



7. Connect the reading device with the programming unit

Insert the male connectors into the compatible-colored sockets in the following order:

ret - grey - yellow - green - brown (black) - white
(that means from A2 to 9V)



8. Click the button „Lesegerät Auslesen“

The data stored in the reading device are read out and indicated in the fields on the left side.

a serial number (not editable)
b software version (not editable)
c reading device number (LG-ID) *
d position number (STO-ID) default 0

The other data are not relevant for the parameterisation.

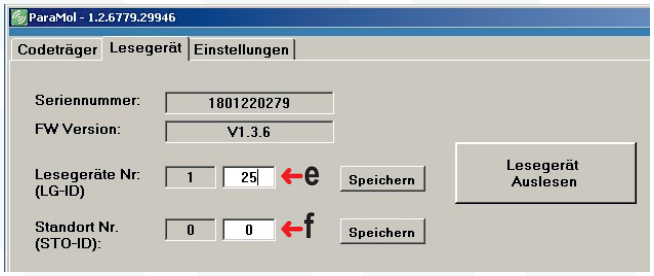
* The factory setting of reading devices is always number 1.
Otherwise, the parameterised number is indicated.

9. **If a red error message appears at the lower end after the read-out, then the connection to the reading device is defective.**
Remove the male connectors from the programming unit in the following order:

white - brown (black) - green - yellow - grey - red
(that means from 9V to A2)

Check the connection of the insulated conductors with the clamps and insert the male connectors into the compatible-colored sockets again as described in item 7.

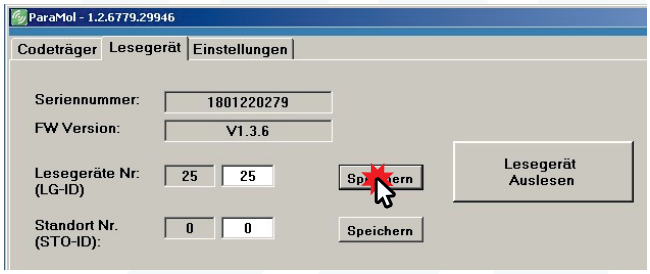
Go on with item 8 until the error message does no longer appear.



10. **Determine a number for the reading device that will be used to select it in the data bus.**

e Inscribe the determined number for the reading device in the white field **„Lesegeräte Nr. (LG ID)“**. (e.g., the number 25)

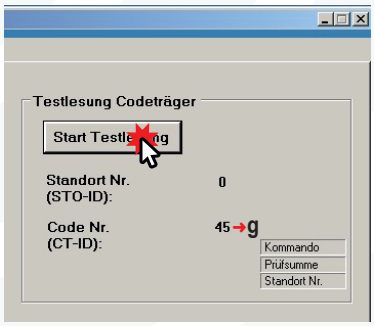
f Without a position-fixing the number „**0**" should always be inscribed in the grey field **„Standort Nr. (STO-ID)“**. If this is not the case, inscribe the number „**0**" in the white field.



11. **Click the button „Speichern“ beside the reading device number (LG ID)**

The number for the reading device (LG-ID) will be stored, read-out automatically and shown in left grey field **„Lesegeräte Nr. (LG-ID)“** in order to check the correct parameterisation immediately.

If necessary, store also the number „**0**" in **„Standort Nr. (STO-ID)“** by clicking the button **„Speichern“** beside it.



12. **Read-out transponder for testing**

Hold a parametrised transponder in front of the reading device and click „**Start Testlesung**“ in order to check the function of it.

g in field **„Code-Nr. (CT-ID)“** e.g., the code number **45** appears

Without a position-fixing the number „**0**" will be shown in field „**Standort-Nr. (STO-ID)**“.

13. **Finish parameterisation**

Remove the male connectors from the programming unit in the following order:

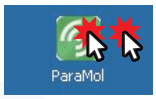
white - brown (black) - green - yellow - grey - red
(that means from 9V to A2)

Thereby, the parameterisation is finished.

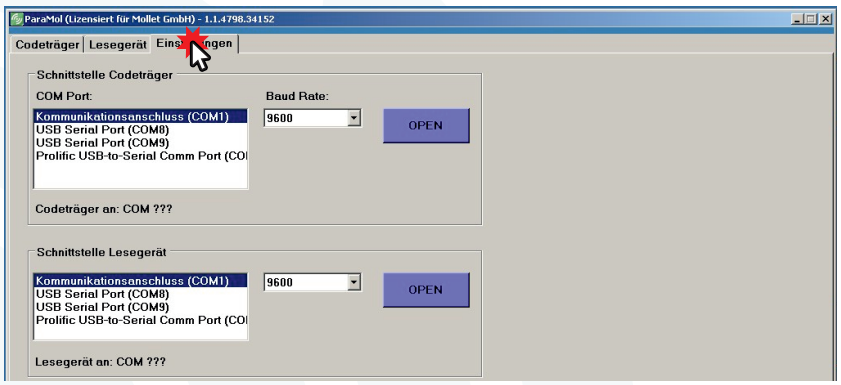
If necessary, write the number of the reading device on the device with a water proofed pen.

Now the reading device can be built in a coupling-system and connected with a data bus.

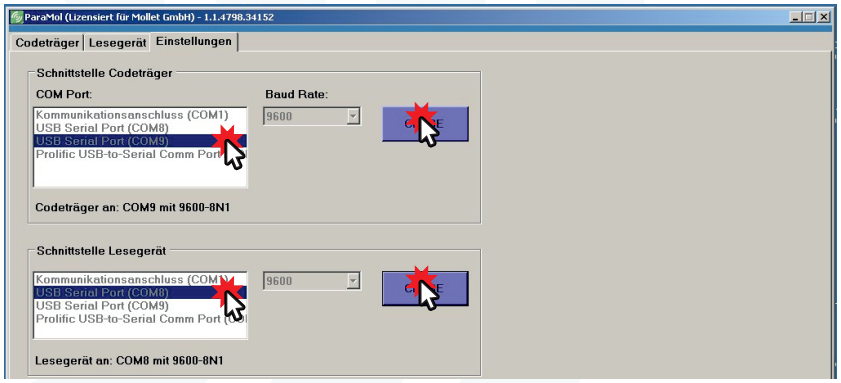
Instruction for parameterisation



1. **Start ParaMol with double click**



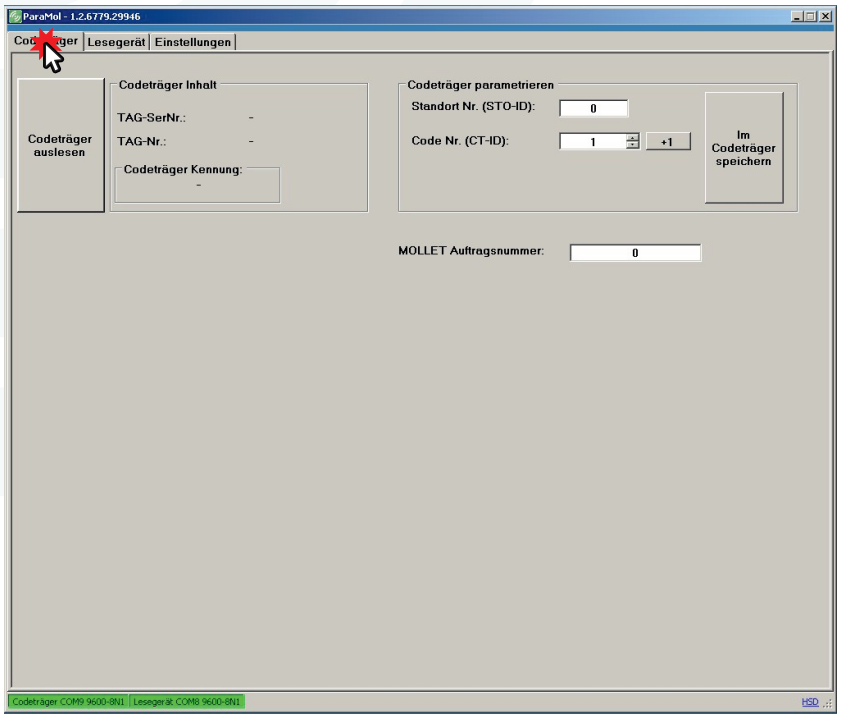
2. **Click the flag „Einstellungen“.**
   An input mask opens, where the „USB serial ports“ can be allocated.



3. **For the interface to the transponder click „USB serial port (COMX)“ and then the button „OPEN“**

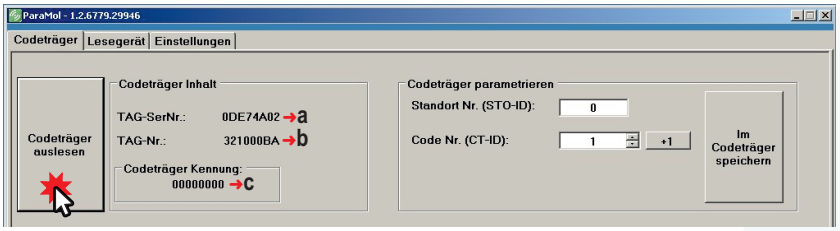
4. **For the interface to the reading device click „USB serial port (COMX)“ and then the button „OPEN“**

   Both buttons change to „CLOSE“.

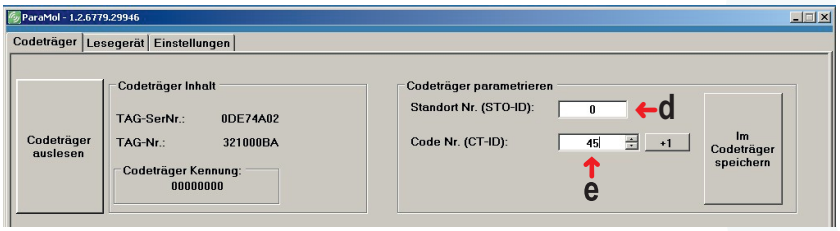


5. **Click the flag „Codeträger“**
   An input mask opens, where the transponder can be parameterised.

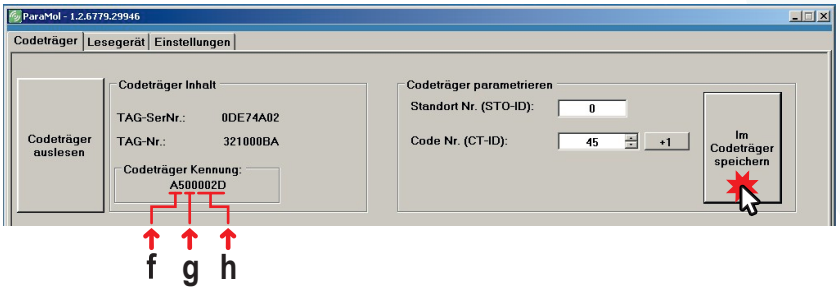
6. **Put a transponder into the red pit.**
   With the dark side on top as pictured.



7. **Click the button „Codeträger Auslesen“**
   The data stored in the transponder are read out and indicated in the fields on the left side.
   a the TAG serial number (not editable)
   b the TAG number (part number not editable)
   c the **transponder identification**
   The order number is internal from MOLLET.



8. **Determine a number for the transponder.**
   d Without a position-fixing the number „**0**" is always inscribed in the field **„Standort Nr. (STO-ID)“**
   e **Inscribe the determined number for the transponder in the white field „Code-Nr. (CT-ID)“.**
   (Here e.g., **45**)



9. **Click the button „Im Codeträger speichern“.**
   The number **(CT-ID)** will be stored in the transponder, read-out automatically and shown in left grey field **„Codeträger Kennung“.**
   f **constant control number** (**A5** as fixed value)
   g **position number (STO-ID)**
   h **transponder number (CT-ID)**
   g and **h** are indicated in the hexadecimal system. (in **h** for example **002D** for **45**)