PGZ12-QF FLASH PROGRAMMER

1.0 FEATURES AND SPECIFICATIONS

The PGZ12-QF is a TAG programmer for **production purpose**.
Operate with **UNIQUE - Q5 - T5557 - T5567**.
Converts the Q5 R/W TAG in a UNIQUE format

The PGZ12 QF works connected via RS232 to a PC.

The PGZ Firmware and the PC Software can be updated with new release through Internet.

1.2 SPECIFICATIONS

OPERATING

Power Requirements	12 VDC ? 15% at 80mA max. Ripple 50mVp-p
RS232 Serial interface	Data = 8 bit parity = none stop bit = 1
Baud Rate	9600 bits per second

MECHANICAL

Dimensions	Length	mm 133
	Width	mm 129
	Height	mm 38

2.0 INSTALLATION

The PGZ12-QF is provided of the following parts:
- PGZ12-QF **Module**.
- 220 VAC **Mains Adapter**
- RS232 **9S/9P PC Cable**
- INSTALL **CDROM**

To avoid limitations in the read/program distance place the PGZ12-QF far from noise sources.(i.e. monitor, switching power supply, other tag readers ...).

2.1 Hardware

To install the system :
- Connect the Mains Adapter Plug on the JP1 connector.
- Connect the RS232 cable to your PC **COM1** or **COM2** ,and on the RS232 connector of the PGZ12.
- Insert the Adapter in the mains.

Now the **GREEN LED** on the front side, will be lighted.

2.2 Software

The PGZ12 program runs on WINDOWS95 and successive.
- Insert in your PC the **INSTALL CDROM.**
And press SETUP? (ENTER)

- Wait for: **INSTALLAZIONE COMPLETA**

- To start the program exec the **PGZ12.EXE** ? (ENTER).

- On the screen appears the mask of FIG.1 and the **RED LED** flashes to indicate the communication is running.

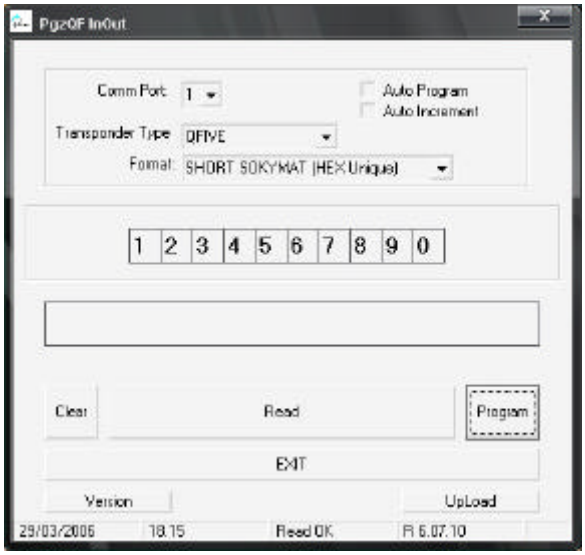

FIG 1
SHORT FORMAT

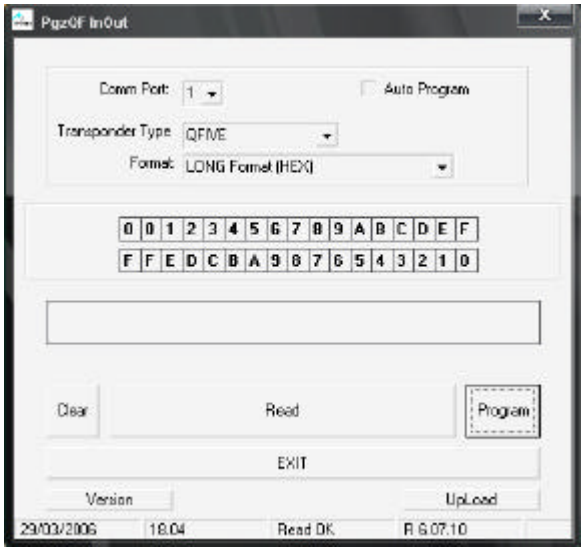

FIG 2
LONG FORMAT

3.0 USER DESCRIPTION

Select the correct COMM PORT: 1 or 2
Select the TRANSPONDER TYPE : QFIVE
Select the FORMAT: SHORT Format (HEX Unique)
Or
Select the FORMAT: LONG Format (17 HEX bytes)

If **SHORT Format** selected you have to insert into the DIGIT MASK the **value** (10 hex digits) in the range 00-00-00-00-00 to FF-FF-FF-FF-FF.

If **LONG Format** selected you have to insert into the DIGIT MASK the **value** (34 hex digits) in the range 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00 to FF-FF-FF-FF-FF-FF-FF-FF-FF-FF-FF-FF-FF-FF-FF-FF-FF.

In the Dialog Window appear **Place Card.**

1) Now you place the TAG on the PGZ12 top .
Click on **Program** key.
The TAG will be programmed with the Current Value.

2) On the Dialog Window appear sequentially:
Programming… .
Verifying… ..
Programming OK. Remove Card

In case of error will appear a window **Programming Error** and the value don t increment.
Now you can repeat the operation from 1).

In **SHORT Format** you can program incrementing the value in automatic mode.
You have to SET:
Auto Program
Auto Increment

1) When the TAG has been removed the value will **increment automatically** in binary mode
(example: if value 02af124569 after Remove Card will appear 02af12456A …)

2) Now you place a new TAG on the PGZ12 top .
Automatically the TAG will be programmed with the incremented Value.

3) Place a new TAG and so on till the end of your set of TAGs.

In case of error will appear a window **Programming Error** and the value don t increment.
Now you can repeat the operation from 1).

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