

F_CARD

TICKET PARKING MODULE

USER AND MAINTENANCE MANUAL

PRODUCED BY

ADEL S.r.l.

Legal addr. Via Saffi N. 58

Operative addr. Via Nonantolana n. 970/1
41100 MODENA

Tel. 059-2550137 Fax. 059-2551207

e-mail: adel@adel2000.it

INDEX

1. GENERALITY	3
2. INSTALLATION	3
3. CONTROLS	3
4. CONNECTIONS	3
4.1 TICKET PARKING SOLENOID	3
4.2 I/O CONNECTOR	3
5 DIMENSIONS	4

1. GENERALITY

The F_CARD subunit is one of the accessories of the main module ENC899 and allows to realise a system that can read and store a ticket into the F_CARD module and read/encode a second ticket or plastic card inserted into the ENC899 module.

After reading, encoding and issuing the second ticket, it is possible to reload the first ticket from the F_CARD module and encode verify and print it, issue or capture the ticket.

This function is very important for payment systems

2. INSTALLATION

To combine the ENC899 and F_Card modules simply place them together and fasten them with two M3x6TC screws.

The motion of the ENC899 module is generated by an idling gear located in the rear part of the ENC899 and a coaxial gear with a rubber idle wheel located in the front part of the F_Card module

3. CONTROLS

All the operations are managed via the ENC899 serial line (Ref. ENC899 Technical Manual).

In particular, the F_Card module is managed with the command *stx 10 s t1 t2 t3 t4 t5 pr ej [co] etx*.

4. CONNECTIONS

4.1 TICKET PARKING SOLENOID

This connector is used for the connection of the solenoid that drives the counterpart roller that allows to manage the movement of the ticket from and to the ENC899 module.

The pin layout of CN3 (JST PH 2x1 PM 90°) is the following:

Pin 1 VDD
Pin 2 Park coil

4.2 I/O CONNECTOR

This connector is used for the interconnection between the ENC899 module CPU card and the F_Card module card.

The pin layout of the CN6 CONNECTOR (JST PHD 5x2 PM 90°) is as follows:

Pin 1	FD0	Pin 2	FD1
Pin 3	FD2	Pin 4	FD3
Pin 5	VCC	Pin 6	VCC
Pin 7	GND	Pin 8	GND
Pin 9	VDD	Pin 10	VDD

5 DIMENSIONS

