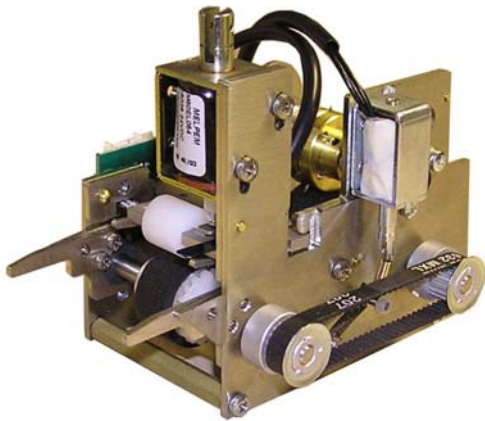


MODULO OBT_MECH Ticket parking and mechanical validation unit

DESCRIPTION



The OBT_MECH Module is a simple and compact subgroup for simultaneous management of two titles, a card and a ticket. The OBT_MECH connected to the ENC899 or to the ENC_RISC allows following operations:

- Insertion of a magnetic title
- Park the magnetic title
- Accept and manage a card for payment
- Reload the ticket and validate magnetically, print and return to user or swallow
- The mechanical validation of the ticket occurs at swallowing of the title.

This module allows the realization of pay toll systems with magnetic and mechanic validation, preventing recycling and forgery of titles already validated.

MECHANICAL STRUCTURE

The movement is transmitted from the ENC899 module through a gear present on the back side of the ENC899 and a gear coaxial to the transport rubber roller present on the front side of the OBT_MECH. The validating operation occurs by the means of a roller with punches placed on the rear side of the module.

ELECTRONIC FEATURES OF THE CONTROL BOARD

The device is connected and controlled by the CPU board of the ENC899 or of the ENC_RISC. The electronic board of the module OBT_MECH is equipped with:

- Optical sensors for ticket positioning and parking
- Communication and Power supply interface with ENC899 or with ENC_RISC
- Solenoid interface control

TECHNICAL DATA

Dimensions mm	93,3 (H) x 93 (L) x 104,4 (P)
Power Supply	5 Vcc 0,1 A max 24 Vdc 0,1 A at rest - 0,6 A max

ADEL S.r.l. reserves the right to change technical data without advise