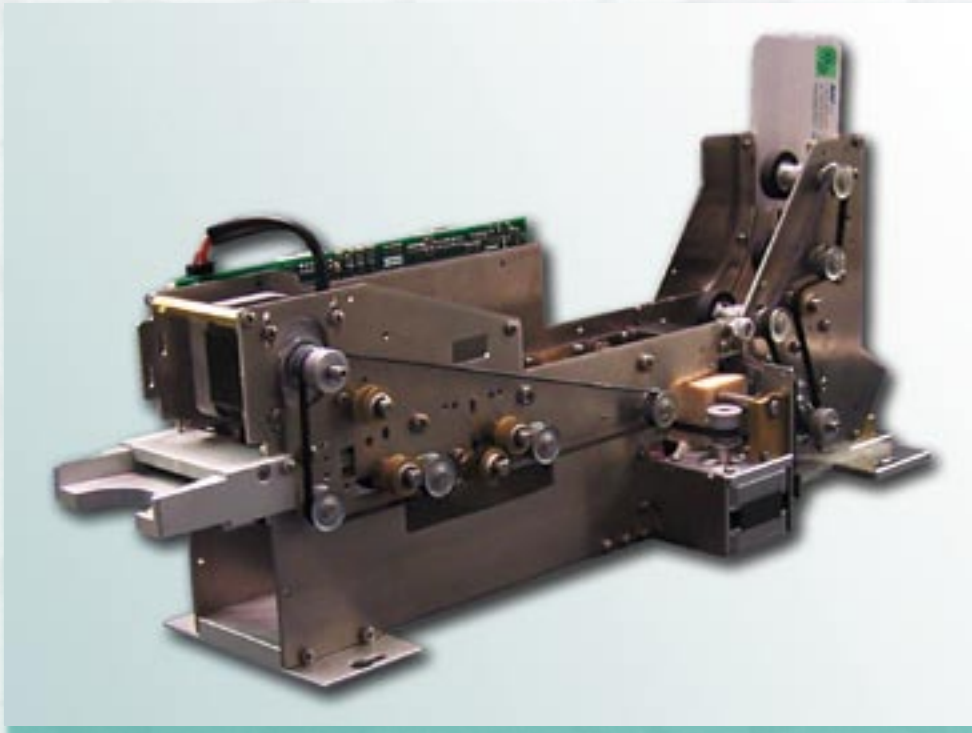


VAL2K5_TPD

Fast validator with Metro 2K5 and transversal printer down



Description

VAL2K5 is a high performance fast validator born from the evolution of special machines based on the module ENC_RISC. The **VAL2K5** boasts all features and high performances of the ENC_RISC.

Main characteristics are the following:

1. High configurability of magnetic heads: up to 4 magnetic heads in central and/or lateral, or in upper and/or lower position.
2. Validation time in less than 2 sec with printing of one line
3. Transversal impact printer on lower side of the ticket

Mechanical structure

The module is compact and equipped with a original roller transport system that manages cards with embossing. The regular transport of the ticket is guaranteed by a stepping motor and by the rubber of the rollers that avoid slipping during managing operations.

Optional devices available on request:

- R/W IC cards unit
- Laser reader for barcodes
- R/W contactless cards unit
- Shutter for front opening

Technical and mechanical features of the base version

- Encoding and reading of ISO2 standard magnetic lateral track at a 75 bpi, or in central position
- LoCo magnetic encoding
- Tickets and card management with thickness ranging between 0.18 and 0.8 mm
- Font opening for ticket insertion
- LCD display interface

Options available for base version

- Reading and encoding of ISO1 and ISO3 at 210 bpi.
- Reading and encoding of one or two TRANSAC tracks.
- High/Low coercivity encoding.
- Shutter with pre-head
- R/W IC or contactless cards unit
- Laser reader for barcodes
- RS 232 Interface for external or internal contactless reader

Electronic features of base CPU board

The module is controlled by the Fujitsu CPU RISC 32 bit with resident firmware.

The board has following features:

- CPU risc 32 bit Fujitsu
- Ram Memory up to 512 KB
- Flash Memory 512 KB

Available options for base CPU board

- I/C Card control interface
- Shutter control interface
- I/O optocoupled (3 Input and 3 Output)
- Contactless Card control interface
- LCD display 1x8 up to 2x40 characters control interface

Technical data

| | |
|------------------------------------|--|
| Dimensions: | L 421,6 x H 168,4 x W 104,2 mm |
| Power supply | 24 V _{cc} – 2,5 A max vers. LoCo |
| | 3.6 A max vers. HiCo |
| Operative speed | Up to 800 mm/Sec. |
| No. Printable characters per line | 24 |
| Printable area (ticket 54x85.6 mm) | 50 x 81.6 mm. |
| Average life magnetic heads | > 1.000.000 cycles |
| Average life printing heads | > 10.000.000 characters |
| Average life inked ribbon | 1.000.000 characters |
| Interface | EIA RS232C, RS422/485 |
| Protocol | Asynchronous up to 115.200 bps 7 bit, even, 1 stop |

Adel s.r.l. Reserves the right to change technical data without advise



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