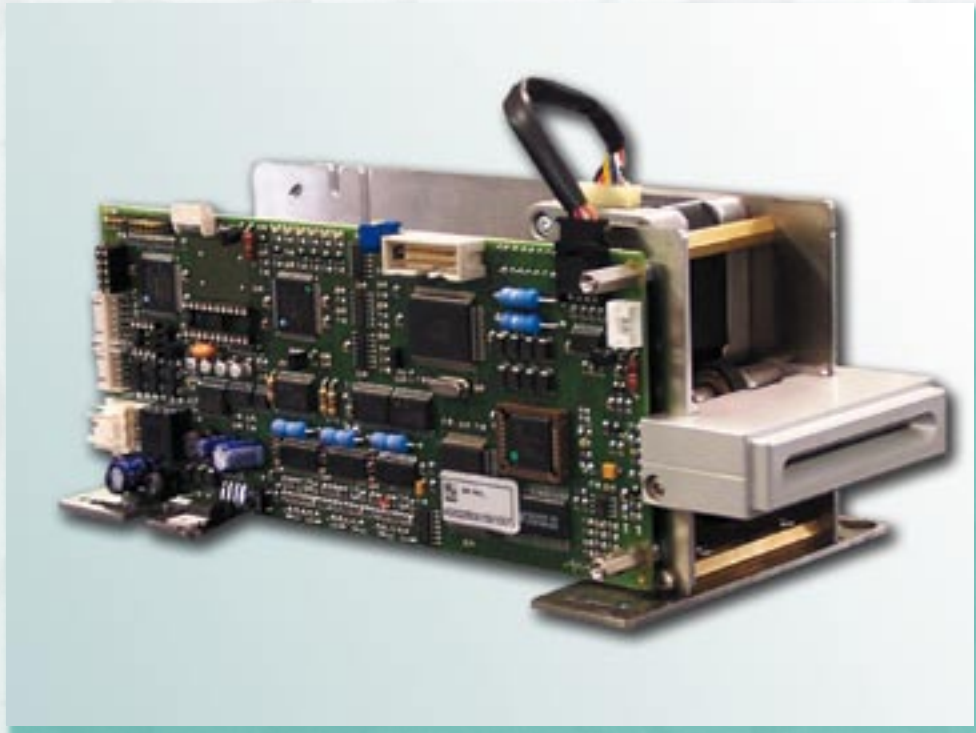


ENC2K1/R

Magnetic Reader Encoder



Description

The **ENC2K1/R** is a magnetic reader encoder and boasts all sturdy and reliability features of the module ENC899. It distinguishes for a non expandable composition, optimisation of costs and functions.

The **ENC2K1/R** is a simple and compact device for magnetic title treatment with variable thickness from 0,18 to 0,80 mm. It can handle up to three ISO standard magnetic tracks at 75 and 210 Bpi, cards with microchip according to ISO 7816 standard, contactless cards ISO14443A or B, read bar-codes and visualize data on LCD display.

Mechanical structure

The **ENC2K1** is a non expandable version of the modular system, of which it maintains quality, technical and mechanical features, besides all last improvements introduced in order to maximize performances and reliability in the field.

Technical and mechanical features of base version

Encoding and reading of ISO 1-2-3 standard magnetic tracks at 75/210 Bpi

LoCo – HiCo magnetic encoding

Ticket and card management with variable thickness from 0.18 up to 0.8 mm by the means of transport system based on rollers

Front ticket introduction opening in aluminium

LCD display interface

Available options for base version

- Reading encoding of ISO 2 LoCo or HiCo tracks
- Shutter with pre-head
- R/W Contactless (ISO 14443-A or B and ISO 15693 cards)
- Encoding at high/low coercivity.
- R/W IC (ISO 7816) cards
- Laser scanner for barcodes

Electronic features of the CPU board

The whole device is controlled by a microprocessor board that through the serial line manages all commands by the means of specific communication protocol for error recovery.

Available options for base cpu board

- I/C Card control interface
- Shutter control interface
- Contactless Card control interface
- LCD display control interface 1x8 up to 2x40 characters.

Technical data

Dimensions:	86 (H) x 230,5 (L) x 104,4 (W) mm
Power supply	24 V _{cc} – 2,5 A max vers. LoCo
	3.6 A max vers. HiCo
Operative speed	Up to 600 mm/Sec.
Average life magnetic heads	> 1.000.000 cycles
Interface	EIA RS232C
Protocol	Asynchronous 19.200 bps 7 bit, even, 1 stop

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



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