

Product Information

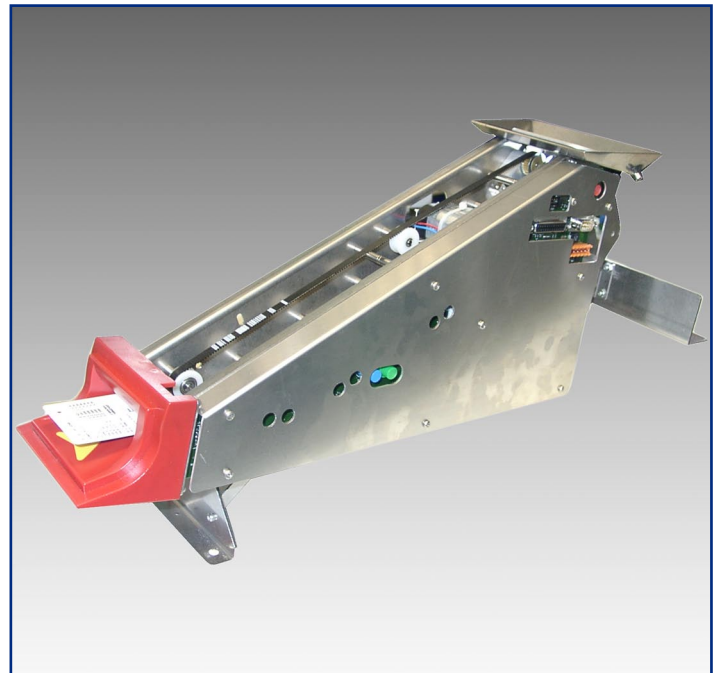
- Processing of magnetic data carriers
- Direct thermal printing on thermo-sensitive surfaces, graphic printing
- LOCO/HICO
- 2 tracks reading/writing (ISO 2, 3 or central track)
- RS-232 interface
- Flash Memory
- Bad ticket facility

Produktinformation

- Verarbeitung magnetischer Datenträger
- Direkter Thermodruck auf thermosensitiven Flächen, grafikfähig
- LOCO/HICO
- 2-Spur-Betrieb (ISO 2,3 oder Mittelspur)
- RS-232 Schnittstelle
- Flash Memory
- Bad-Ticket-Facility

Information sur le produit

- Traitement de titres à pistes magnétiques
- Impression thermique directe sur supports thermosensitifs, impressions graphiques
- LOCO/HICO
- Pistes ISO 2 et 3 ou centrale
- Interface RS-232
- Flash Memory
- Ticket rejet



MAGNETIC READER/WRITER FOR GATES

with thermal printing module

MAGNETISCHES SCHREIB-/LESEGERÄT FÜR DREHKREUZE

mit Thermodruckmodul

LECTEUR/CODEUR MAGNÉTIQUE POUR TOURNIQUET

avec imprimante thermique



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CCS
built-in reliability

Dimensions

W 145 mm H 220 mm D 485 mm

Power Supply

24 V DC (5 V DC internal)

Text printing: 150 W max.

Graphic printing: 200 W max.

Tickets

Thickness: 0.24 - 0.5 mm

Format: 54 x 85.6 mm

Material: paper, compound

Ticket Transport Speed

Normal transport and magnetic processing: 300 - 550 mm/s

Printing depending on paper quality: 50 - 100 mm/s

Print Head

Type: Bevel

Resolution: 8 dot/mm

Max. print width: 48 mm

Character Set

PICA, other character sets on request.
All character sets can be printed with double height and/or double width or with enlargement (factor 2, 4 and 8)

Each character set includes the full IBM set of 20h-FFh

Semi-graphic characters are allowed

Interface

V.24/RS-232: 9 600 to 115 200 Baud (RXD, TXD, GND)

Communication protocol on request

RS-422: 19 200 or 38 400 Baud

Communication protocol on request

Environment

Range of temperature: 0 - 50 °C

Air humidity (RH): 20 - 80 %
non condensing

Vibration: 10 - 55 Hz
2 mm amplitude
along axis x, y and z
for max. 30 minutes

Microprocessor System

1 x ATMEL ATmega128 (flash memory)

4 x Single chip controller with firmware

Memory

128 kB Flash Memory

128 kB RAM, 32 kB EEPROM

Coercivity

LOCO or HICO

Magnetic Characteristics

Track ISO 2 and/or 3 or central track

F2F, others on request

ABA, IATA, THRIFT, others on request

3 x magnetic head (read/write/verify)

Bit Densities

75 - 210 bpi

Bad Ticket Facility

1 x solenoid driven ticket switch

Door Shutter

1 x solenoid driven mechanism

Maintenance and Service

Every 3 months or every 300 000 tickets:

Check thermal head, light barriers and magnetic head

Every 6 months or every 500 000 tickets:

Check belts and DC motors

Every 12 months or every 6 000 000 tickets:

Check stepper motor and rollers

Reliability

MTBF*: > 20 000 h

MCFB*: > 200 000 tickets

MTTR: < 0.5 h in workshop

** without wear parts*

