

RM5 Evolution

The coin validator of undisputed quality and reliability

The RM5 Evolution coin validator known for its consolidated quality and reliability. Its electronics combine extraordinary selectivity with extreme programming versatility: the Cloning system allows the transfer of the configuration parameters from a sample coin validator to another.

The coin validator label can be customised in order to allow increased visibility of the company logo.



Features

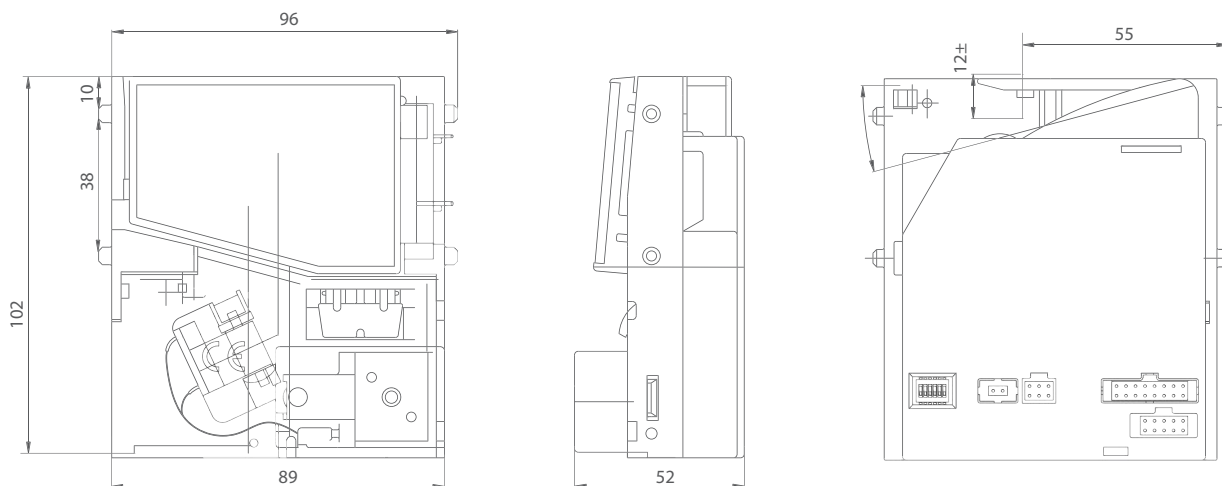
- 3 pairs of inductive sensors which are used to process 6 different parameters regarding the material and the mass.
- 3 pairs of optical sensors for determining the coin's diameter.
- A mechanical anti-fishing device.
- An electronic anti-fishing device.
- An electronic anti "intrusion" device (only for version F).
- Wire cutting blade.
- Automatic optical sensor compensation system for variations in temperature, voltage and lighting.
- Identification channels: up to 59, each of which can be redirected to the outlets. The first 6 support Self-Prog mode.
- Open collection outlets.
- Serial interface for external connections (portable programmer or PC) for calibrating and testing, as well as for updating the value and operating parameters tables.
- Credit recognition: parallel, binary, pulse.
- Also available in tropicalised version to adapt to environments exposed to weather agents.



Front plates: mod. F1 (60x118 mm) - F3 (60x180 mm) - F6 (60x152 mm)

RM1000-ADATTAS vertical adaptor for vending machines without change-giver validator

Technical Schematics



Note: Unit of measure: mm

Tools

Download Area

Dataset files can be obtained free of charge from the download area at www.comestero.com.



Clone 5

Programming, configuration and diagnostics software (not for use with the ccTalk giochi Italia version).



Programmer

Portable tool for on-site programming, configuration and diagnostic operations (not for use with the ccTalk version).



USB Kit

Includes 1 board and 1 USB cable. Allows for the simultaneous connection of an RM5 coin validator and a banknote reader to a PC without the need for additional adaptors.



Versions

- 00 Parallel Validator
- 01 Parallel Validator with sorter
- E0 Spain mode validator
- AT Spain mode validator with differentiated time pulses
- B0 Binary Validator
- BC Confida Binary Validator
- 0M Multipulse validator
- 10 2 price totaliser
- 14 1 price totaliser with timed internal reset
- FD Fountain totaliser
- 20 Credit pulse emission totaliser
- 21 Credit pulse emission totaliser with sorter control
- 30 Progressive timer
- 3R Progressive timer with timed credit pulse emission upon request
- 3C Progressive timer with counter outlet
- 40 Totaliser with credit pulse upon request
- 60 Totaliser with timed credit pulse emission upon request
- 70 Single-price multiple sale totaliser

Mechanical configurations

| Model | Coin entry | Coin reject |
|-------|--------------|-------------|
| G | Top | Bottom |
| F | Top or front | Front |
| B | Top or front | Bottom |
| V | Top | Front |
| M | Top or front | Bottom |
| S | Top | Bottom |

Optional accessories

- RM1000-ADATTA5 vertical adaptor for vending machines without change-giver validator
- Validator Adaptor from 3½" to 5"
- Front plates: mod. F1 (60x118 mm) - F3 (60x180 mm) - F6 (60x152 mm)
- Special F6 front plate with lock
- Protection for the F6 front plate, to protect against break-in and fraud attempts
- Protection device to protect the RM5 against external agents, such as water or jets
- Coin collection funnels of various heights: 9/16/25 mm
- AGCAVO10P: standard cable to connect the coin validator to the host machine. Available lengths: from 15 to 250 cm
- RMPRINTERF5: cable to connect an RM5 Evolution to a PC in serial mode
- USB SERIAL: cable for converting a serial connection to a USB connection
- Programmer
- USB Kit
- Label graphics customised by quantity

Related products

- A wide range of coin sorters
- Various models of coin entries
- Coin/banknote/ticket change machines
- Control devices
- Car wash start systems
- Coin counters

Technical Specifications

| | |
|--------------------------|---|
| Dimensions (LxHxW) | 89 x 102 x 52 mm |
| Weight | 185 g |
| Power supply | 12 ÷ 24 Vdc ± 10% |
| Power consumption | 4W at 12 Vdc |
| Current consumption | In stand-by: 35 mA max, 12 Vdc During identification: 50 mA max, 12 Vdc During acceptance: 340 mA max, 12 Vdc |
| Maximum current capacity | 200 mA at 24 Vdc ±10% (from channel 1 to channel 4) 800 mA at 24 Vdc ±10% (from channel 5 to channel 6) |
| Operating temperature | 0°C ÷ 55°C - 10 ÷ 75% humidity non-condensed |
| Coins accepted | Ø 16 ÷ 31.5 – Thickness up to 3.3 mm |
| Recognisable coins | all euro coins from 1 c to 2 € |
| Acceptance speed | 3 coins per second |