



THE
UNQUESTIONABLE
quality and
reliability.

RM5 EVOLUTION

ELECTRONIC COIN VALIDATOR

- Designed to satisfy numerous functions required by the many users, in particular: automatic distribution, gaming, playgrounds, car-washes and service stations, car parks, laundrettes, gyms, industrial use and all self service in general.
- RM5 is the result of the investment made by Comestero in order to offer a reliable and extremely flexible product.
- RM5 is based on a new electronic concept, which combines an extraordinary selectivity, due to six measurement sensors, with extremely versatile programming, thanks to the CLONING system that gives the possibility of transferring configuration parameters from a validator to another.

USE

Automatic distribution
Gaming
Playgrounds
Car washes
Service stations
Laundrettes
Car parks
Gyms
All self service in general

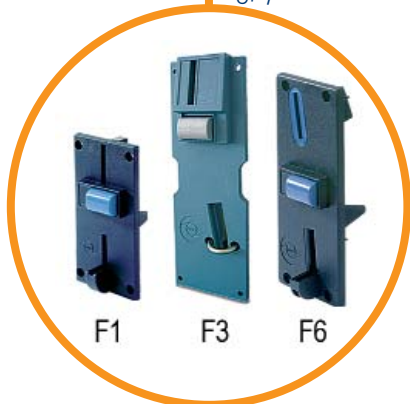


The mechanics of the coin validators are differentiated in six different versions:

MODEL	COIN INPUT	COIN REJECT
G	TOP	BOTTOM
F	TOP OR FRONTAL	FRONTAL
B	TOP OR FRONTAL	BOTTOM
V	TOP	FRONTAL
M	TOP OR FRONTAL	BOTTOM
S	TOP	BOTTOM

ELECTRONIC COIN VALIDATOR RM5 EVOLUTION

Fig. 1



CONSTRUCTION FEATURES

- 3 magnetic sensors, by which 6 different parameters relative to material and coin mass are elaborated;
- 3 optic sensors to recognise coin diameter;
- Mechanic anti-fishing device;
- Electronic anti-fishing device;
- Electronic anti "intrusion" device;
- Wire cutting blade;
- Automatic sensor compensation system for the variation of temperature, tension or light.

TYPES OF OUTPUTS

- **Credit signals:** Parallel, Binary, Serial, Pulse.
- **Separator command:** up to 5 separating channels with short circuit and overloading protection.

INTERFACE FEATURES

Interface serial for communication with external systems (Portable programmer, PC), for calibration, testing and for updating value tables and working parameters. It is also possible to update firmware on site.

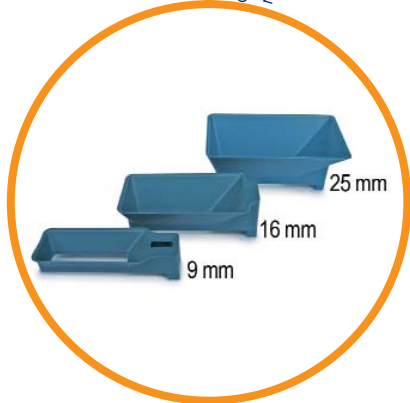
ACCESSORIES

- Front plates: mod. F1 (60x118 mm); F3 (60x180 mm); F6 (60x152 mm), (Fig. 1).
- Coin collection funnels different heights: 9, 16, 25 mm (Fig. 2).
- Adapter from 3,5" to 5" validators.
- A big range of coin sorters.

CONFIGURATIONS

- 00 Electronic validator
- E0 SPAIN mode validator
- AT SPAIN mode validator with differentiate time pulses
- B0 Binary validator
- BC 'Confida' binary validator
- 0M Multimpulse validator
- 10 Dual price totalizer
- 14 Single price totalizer with internal time reset
- FD Totalizer for fountains
- 20 Credit pulse emission totalizer
- 21 Credit pulse emission totalizer with the possibility of controlling a separator of cashed coins
- 30 Progressive timer
- 3R Progressive timer with request timed credit emission
- 3C Progressive timer with counter output
- 40 Totalizer with on request credit pulses
- 60 Totalizer with on request timed credit emission
- 70 Single price multiple sale totalizer for photocopiers

Fig. 2



TECHNICAL FEATURES

POWER SUPPLY	12 ÷ 24 VDC ± 10%
SIZE (mm)	102 x 89 x 52
WEIGHT (gr)	185
RECOGNITION CHANNELS	UP TO 59, POSSIBLE TO REDIRECT ALL TO EXITS. THE FIRST 6 USE THE SELF-PROG MODALITY
COIN ACCEPTANCE	DIAMETER 16 ÷ 31.5 mm - THICKNESS UP TO 3.3 mm
WORKING TEMPERATURE	0 ÷ 55°C - 10% ÷ 75% OF NON CONDENSED HUMIDITY
CONSUMPTION	At rest: 35 mA Max, 12 Vdc - RECOGNISING: 50 mA Max, 12 Vdc - ACCEPTANCE: 340 mA Max, 12 Vdc
IN ACCORDANCE TO THE REGULATIONS	EN 61000-6-3: RELATIVE TO EMISSION EN 61000-6-1: RELATIVE TO EMC EN 55022: RELATIVE TO DISTURBANCE IMMUNITY AND RADIO INTERFERENCE EN 60950: RELATIVE TO SECURITY

TOOLS

CLONE 5

The software used for programming, configuration and diagnostics.
(not usable in octalk version)

PROGRAMMER

The portable instrument for programming and configuring operations on site.
(not usable in octalk version)

COIN TUNING FILES AND / OR FIRMWARE UPDATING

They can be downloaded free of charge directly on the Comestero web site, download area.
(not usable in octalk version)



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