

G-13.mft complete – Coin entry, validation, escrowing and rejection

The G-13.mft complete is a complete coin handling solution based on the tried and tested G-13.mft coin validation.

Models

The G-13.mft complete is available as

- indoor appliance with standard PCB for 0–60°C,
- outdoor appliance with special PCB for outside temperature.

Overview

- 1 Coin entry unit with motorised reject actuator
- 2 G-13.mft coin validator
- 3 Chassis
- 4 currenza e² coin escrow and deflector

Properties and application

- For indoor and outdoor machines
 - Street parking
 - Telephone applications
 - Cigarette/tobacco machines
 - Newspaper machines etc.
- Incorporates four coin processing units in one chassis:
 - Entry unit with motorised reject actuator
 - 3" coin validator
 - Coin escrow/deflector
- One 4-pole ccTalk machine connector (including power supply)
- All functions controllable using ccTalk protocol

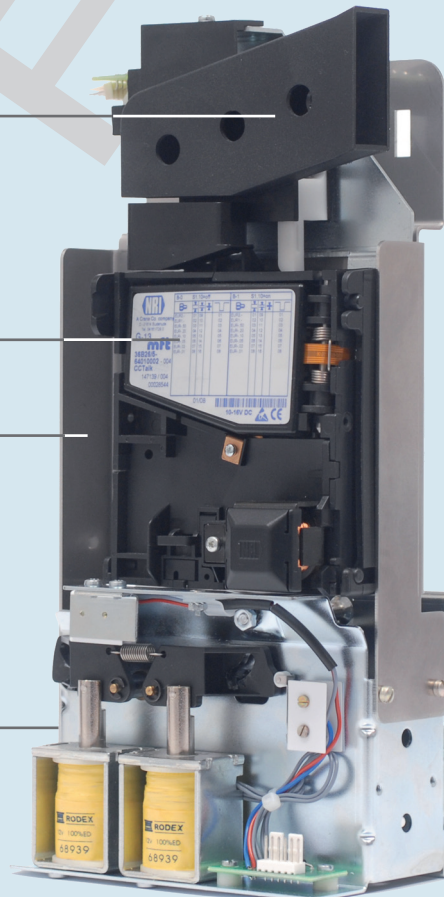
Function

The G-13.mft complete is used to guide coins inserted into the machine into the G-13.mft validator. Depending on the measured properties of the coin inserted, the coins will either be rejected and directed to the machine's return area, or they will be accepted and directed into the escrow.

In the escrow the accepted coins are collected until the customer decides either to buy a product or to cancel the vending process. As soon as the escrow receives a cash-box or return signal from the machine the coins will be directed via the cash-box chute into the machine's cash-box if a product has been selected, or via the return chute into the return area if the vending process has been cancelled.

After the customer has pressed the return button on the machine the motor of the reject actuator drives the actuation arm pressing down the return lever of the G-13.mft coin validator.

i For details on the coin validation please refer to the G-13.mft ccTalk manual and to the currenza e² datasheet for details on coin collection and deflection.





A Crane Co. Company

Technical data

Supply voltage	12V or 24V DC
Temperature range	Indoor model: 0°C up to 60°C Outdoor model: -25°C up to +70°C
Temperature change	Max. 0.2°C/min.
Coin processing	Diameter: 15–31.5mm (optionally up to 32.5mm) Thickness: 1.5–2.5mm (optionally up to 3.3mm)
Dimensions	Height: 280.5mm Width: 131.3mm Depth: 75.6mm
Mounting position	Vertical, max. deviation: $\pm 2^\circ$
Interface	Pin 1 12V/24V DC supply Pin 2 nc Pin 3 GND Pin 4 Data

Additional technical documentation

All NRI product descriptions, e.g., for our coin validators are available as PDF at www.nri24.com (→ Download).



A detailed description of the serial ccTalk interface you will find in the specification "ccTalk Serial Communication Protocol, Generic Specification" (www.cctalk.org).

12.08 UCo/Roe
Version 1.0
DB.MZPS-EN

CRANE

National Rejectors, Inc. GmbH • Zum Fruchthof 6 • D-21614 Buxtehude
Fon: +49 (0) 41 61-729-0 • Fax: +49 (0) 41 61-729-115 • E-mail: info@nri24.com • Internet: www.nri24.com