Adel

EDMO FVP VALIDATOR

DESCRIPTION

The EDMO FVP is a very fast Edmondson ticket validator with 9 dots matrix impact printer with long lasting ink ribbon.

The module can read, encode and verify in a single pass, print and issue from the insertion front opening; the ticket format is the TFC0 according to ISO/IEC 15457 specification's, encoding is F2F, PWM or Split Phase mode and print in impact mode.

Th module can encode and read central magnetic stripe in LoCo and HiCo in F2F, PWM or split phase mode. The ticket thickness ranges from 0.18mm up to 0.27mm.

The module is equipped with an original roller transport system placed on the right flank. The transport of the ticket is carried out by a stepping motor.

INSTALLING OPTIONS

For a flexible and easy integration, the FVP module can be installed in several ways.

Changing the base plate position and bezel orientation is possible to have the following configurations:

- Vertical with bezel in upper position
- Vertical with bezel in lower position
- Horizontal

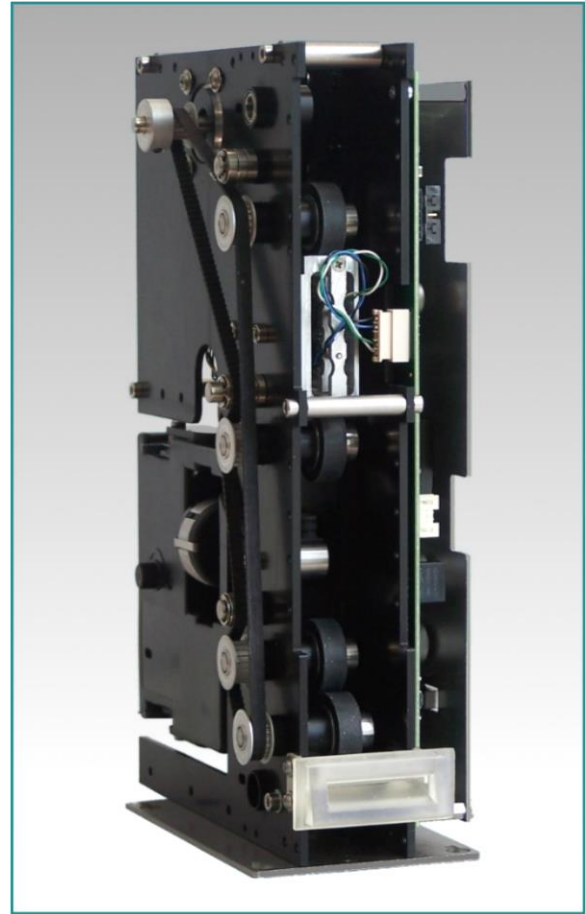The pictures show the different configurations.

ELECTRONIC FEATURES OF BASE CPU BOARD

The module is controlled by a CPU board with proprietary firmware with following characteristics:

- CPU board with ARM M3 CORTEX processor
- Ram memory up to 512 KB
- Flash Memory 512 KB

OPTIONAL DEVICES AVAILABLE UPON REQUEST

- Additional dual head to allow ticket insertion in four ways
- Color graphic LCD display
- RFID coupler

TECHNICAL DATA

Dimensions (mm.) with front opening and support	
EDMO FVP with impact printer – base version	233 (H) x 160 (L) x 76 (W)
EDMO FVP with impact printer – LCD display	233 (H) x 160 (L) x 125(W)
Power Supply	24 Vdc – 0.2A idle / 1.3A max
Operative Speed	Up to 700 mm/s.
Validating Time	Less than 1 second
Print Area	Single line 2.7 x 64 mm
Magnetic Head Average Life	> 3000000 operations
Interface	EIA RS232C up to 115Kbps
Protocol	Proprietary
Certification	EMC 2015–020

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