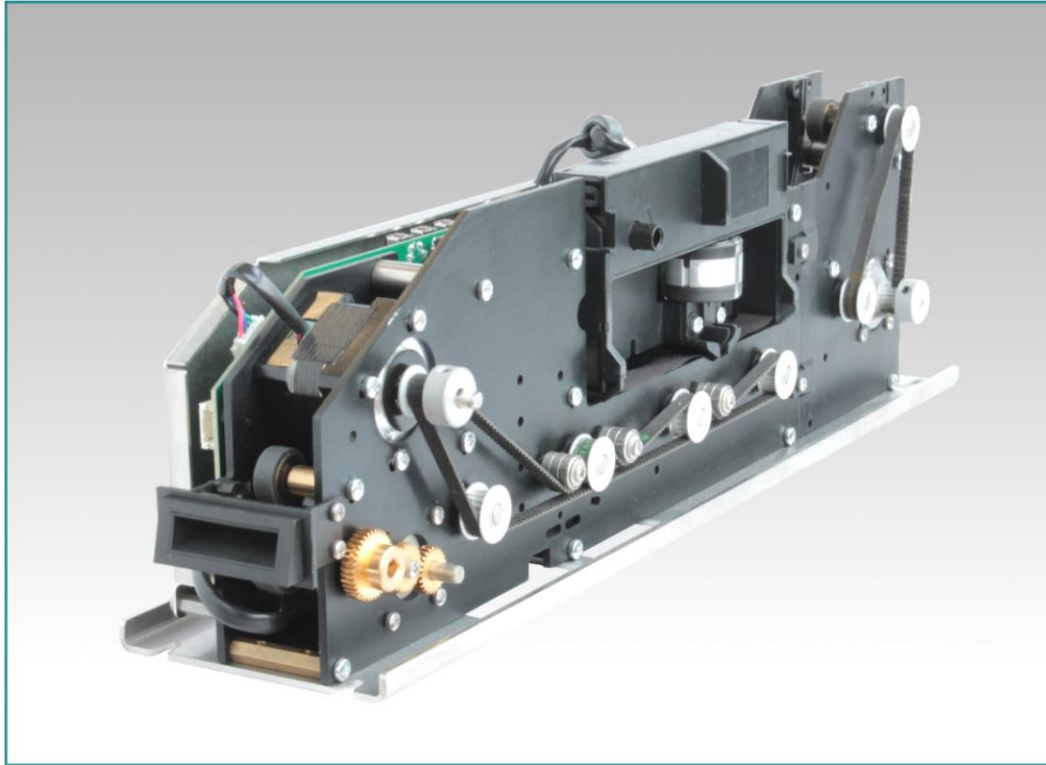




# Adel

## EDMO METRO VALIDATOR / PRINTER



### DESCRIPTION

The EDMO VALIDATOR is a very fast linear Edmondson ticket validator with 9 dots matrix impact printer with long lasting ink ribbon. The module can read, encode and verify, print and issue toward the top; the ticket format is the TFCO in according to ISO/IEC 15457 specification's, encoding is F2F, PWM or Split Phase mode and print in impact on upper side of ticket.

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.

The module can encode and read central magnetic stripes in LoCo and HiCo in F2F, PWM, Split Phase mode. It can handle tickets of thickness ranging from 0.18 up to 0.27 mm.

### ELECTRONIC FEATURES OF BASE CPU BOARD

The module is controlled by CPU board with a proprietary firmware with the 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 R/W magnetic heads to allow ticket insertion in four ways
- Solenoid shutter
- Additional step motor for two tickets management
- Bypass module to allow bidirectional validation

## TECHNICAL DATA

<b>Dimensions (mm) with front opening and support</b>	
EDMO METRO Validator with impact printer	130 (H) x 394 (H) x 85.5 (W)
<b>Power Supply</b>	24 Vdc – 0.2 / 2.3 A max
<b>Operative Speed</b>	Up to 600 mm/s
<b>Validating Time</b>	Less than 1.6s
<b>Print Area</b>	Single line: 2.7 x 64 mm
<b>Magnetic Head Average Life</b>	> 3000000 operations
<b>Interface</b>	EIA RS232C up to 115Kbps – RS422/485
<b>Protocol</b>	Proprietary
<b>Certification</b>	EMC 2015-020

ADEL S.r.l. reserves the right to modify technical data without prior notice