

EMV Pulse electronic vending motors

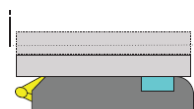
Operator's manual

Rev. 1.03

The Alberici vending motors are designed for dispensing packed products. They are available with either slant retainer dyke or upright retainer dyke.

SLANT-STOP MOTORS:

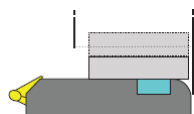
EP-1P0S TRAS-001P STANDARD PARALLEL



Sensore prodotto posteriore
Rear switch sensor

Per impilatore prodotti allineato col retro del trascinatore o per confezioni voluminose

For products stacker aligned with the dispenser rear side or for large package size



EP-1A0S TRAS-001A

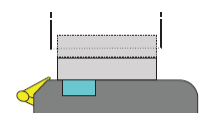
STANDARD PARALLEL



Sensore prodotto anteriore
Front switch sensor

Per impilatore prodotti non allineato col retro del trascinatore

For products stacker non aligned with the dispenser rear side



Alberici
CASH SOLUTIONS

Progettazione e produzione di sistemi di pagamento e accessori per macchine Gaming, Vending e Car-Wash

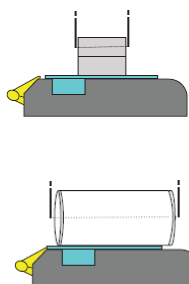
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EP-1L0S TRAS-001L

STANDARD PARALLEL

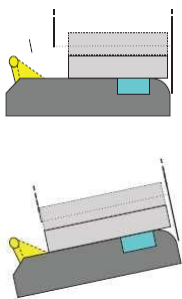


Sensore prodotto anteriore con leva
Front switch sensor with activation
pad

Per prodotti di forma rotonda (es.
lattine) o di piccole dimensioni
For round-shaped products (i.e. cans)
or for small packages

UPRIGHT-STOP MOTORS:

EP-1D0S TRAS-001D **STANDARD PARALLEL**



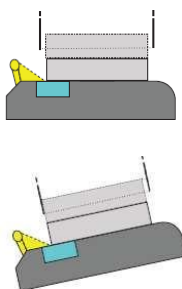
Sensore prodotto posteriore

Rear switch sensor

Per impilatore allineato col retro del
trascinatore, con confezioni di piccolo
volume. Indispensabile per montag-
gio inclinato o per distributori non
fissati a parete

For products stacker aligned with the
dispenser rear side and small package
size. Essential in slant mount or in
non-fastened distributors

EP-1C0S TRAS-001C **STANDARD PARALLEL**



Sensore prodotto anteriore

Front switch sensor

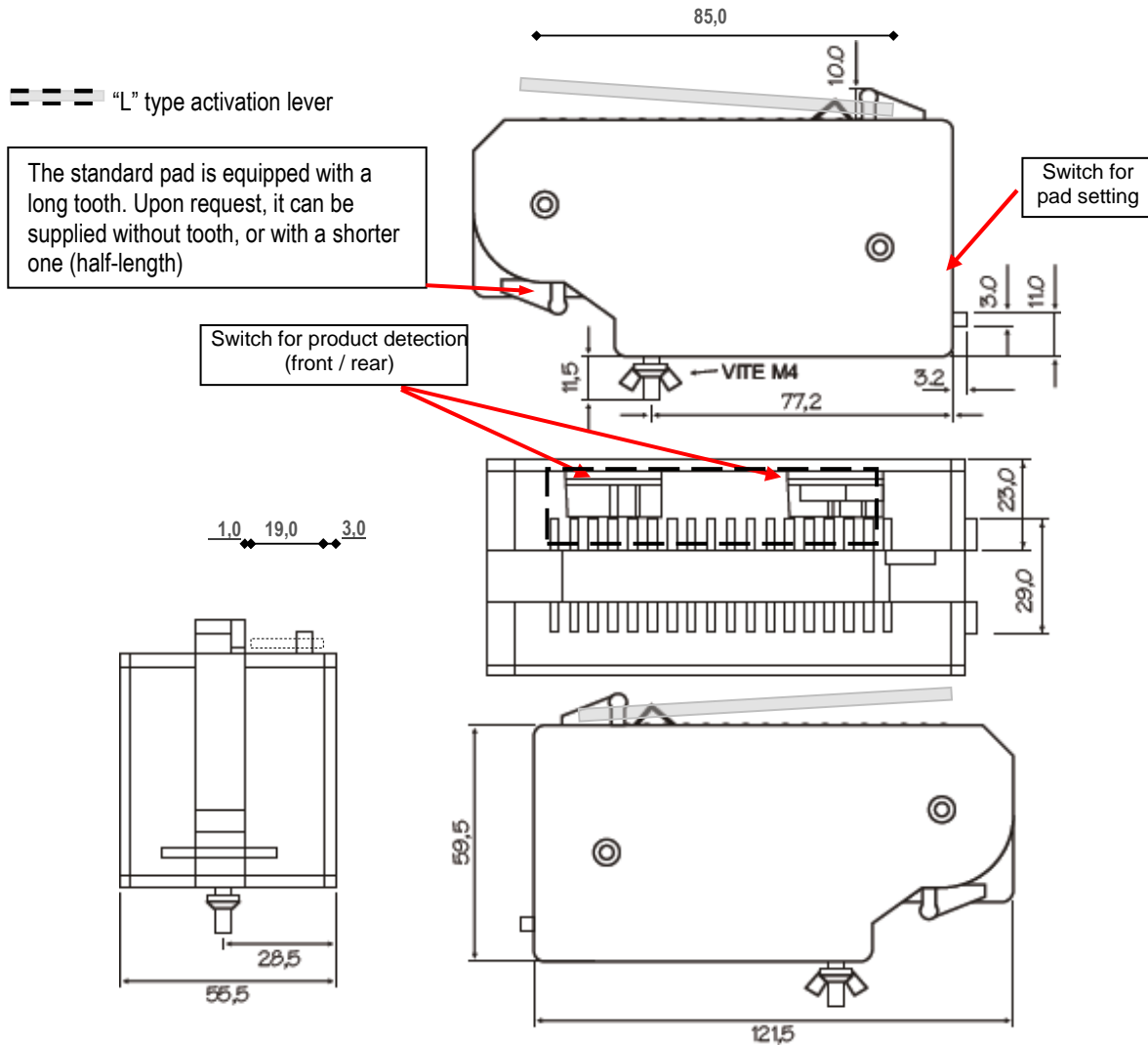
Per impilatore non allineato col retro
del trascinatore, con confezioni di
piccolo volume. Indispensabile per
montaggio inclinato o per distributori
non fissati a parete

For products stacker non-aligned
with the dispenser rear side and small
package size. Essential in slant mount
or in non-fastened distributors

TECHNICAL DATA

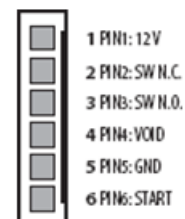
| | |
|-------------------------|--|
| Power supply | 12Vdc |
| No load current | 30 mAmp |
| Max. efficiency current | 1 Amp (output power 12 W) – 2 Zmp at Start |
| Max. load current | 3,7 Amp (+12V) |
| Stand-by current | 550 mAmp |
| Operating Temperature | 0-50°C |
| Operating Mode | Intermittent operation |
| Start pulse | Low level, length = 1 sec. (pin 6) |

DIMENSIONS



CONNECTORS

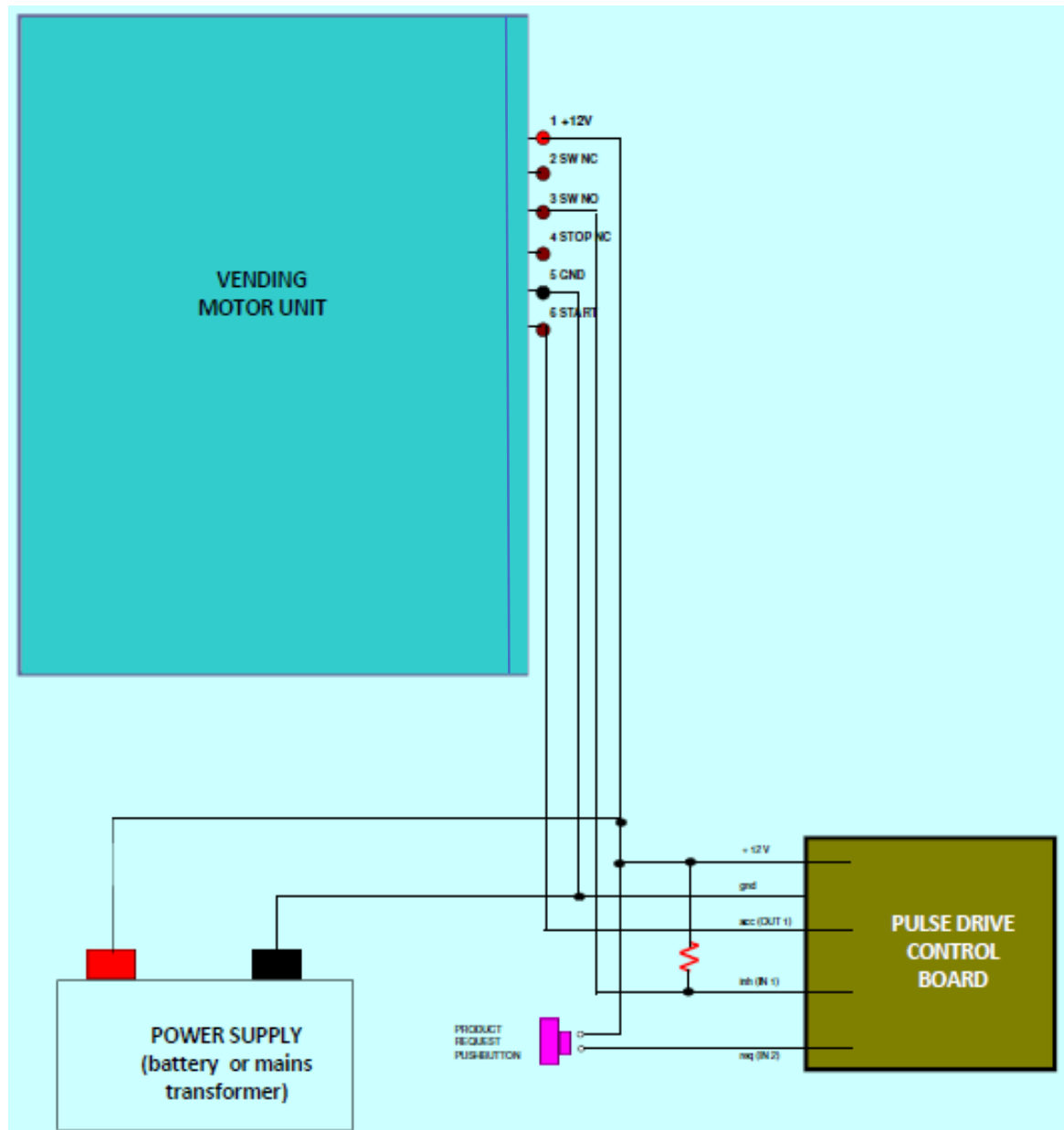
The EMV with **STANDARD (PULSE) COMMUNICATION** interface (TRAS-001P, TRAS-001A, TRAS-001L, TRAS-001D, TRAS-001C) are equipped with 6 pin line connector (JST type VHR-6N; contacts 20-16 AWG).



- PIN 1. Connect to + 12V.
- PIN 2. Normally Closed Switch: goes to GND potential when not triggered (absent product).
- PIN 3. Normally Open Switch: goes to GND potential (through a diode) when triggered (present product). If PIN 2 or PIN 3 signals must be used, a pull-up resistor is needed the CPU interface or in between..
- PIN 4. It is internally connected to GND. Connect no wire to this pin.
- PIN 5. Connect to GND.
- PIN 6. The EMV can be started by applying a low level signal (GND) to pin 6 (START) for 0,5-1 seconds. The impulse must be transmitted by a relay or through a transistor (open collector) that can support a starting draw of 2 Amps.

At the end of the dispensing cycle, the belt and its dyke pads stop automatically at the starting position. The starting position can be adjusted by moving the activation lever of the pads stopping switch.

Example of connection between the EMV and the Machine CPU board



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