

This datasheet certifies the basic parameters and characteristics guaranteed by the manufacturer in regard to the universal reader-controller **Privratnik-01C**.

Product overview.

Universal reader-controller **Privratnik-01C** is designed for use in standalone systems for control of access into the ATM lobby. The reader-controller accepts as cards for access into the facility any bank cards of all payment systems, both with a magnetic stripe (according to ISO 7813) and a microprocessor (according to ISO 7816). The structural design of the universal controller-reader allows to use it both in "cut-in" and attachable versions (through a special wallmount box).

Specifications of the device.

1	Supply voltage, V	12±10%
2	Power supply current, mA*	max. 100
3	Load current at the output of the device, A	max. 2
4	Impulse feed time for the lock, sec.	5-8
5	Operating temperature range, °C	from -30° to +35°

* - current consumption of lock/latch not considered

Notes on installation of the universal reader-controller "Privratnik-01C"

Structurally, the universal reader of plastic cards is designed as a device for cut-in (hidden) installation. The device is installed on the surface adjacent to the blocked doorway. The reader is attached to the surface through special mounting holes located on its face front anti-vandal panel.

The external view of the reader-controller assembly is presented in **Fig. 1**. In cases where the door unit is framed by metal-glass windows, it is possible to install the reader-controller in a special attachment box. This box is an optional position and is ordered separately.

Connecting the universal reader-controller "Privratnik-02A"

The external supply and control lines are connected to the controller through terminal block, the pin assignment of this block is shown in **Fig. 2**.



Fig.1

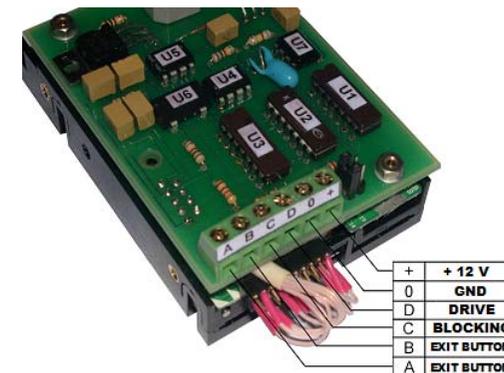


Fig.2

Description of operation of the universal reader-controller Privratnik-01C

The device "Privratnik-01C" includes a universal reader of plastic cards and a controller. The controller receives and processes the data from the cardreader, from external sensors (exit button, blocking) and controls the operation of the door locking device (electromagnetic lock, door latch).

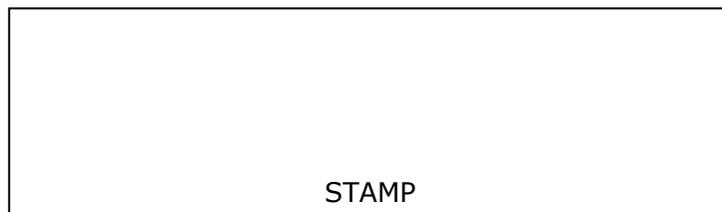
Upon voltage (+12 VDC) supply the device is switched in a standby mode, in which the door is locked (by lock, by latch). The standby mode is indicated by a continuously lighting red LED indicator which located on the front panel of the reader.

When the card of a standard form is installed into the reader the door is unlocked for 5-8 seconds, an audio signal sounds to

indicate that passage is allowed, the indication of the light-emitting diode changes to continuous orange. The countdown for unlocking the door is marked from the moment of extraction of the credit card by the user from the reader. After this time period the door is locked, and the device is put in a standby mode. The unlocking of the door from inside the facility is done by pressing the exit button connected to the controller. In the factory setting, the controller passes all credit cards presented for passage.

Warranty conditions

1. The warranty is valid, only in presence of the correctly and legibly filled in data sheet, product serial number, as well as warranty period being specified.
2. The serial number and components of the product shall be as specified in the Technical Data Sheet.
3. The warranty obligations for the product are canceled in the following cases:
 - a) in case of violation of the rules of use of the product described in this manual;
 - b) in case of violation of the rules of transportation and/or storage;
 - c) if the warranty obligations for the product are expired;
 - d) if the product bears the traces of outside interference;
 - e) if the product quality defects occurred due to force majeure;
 - f) in all other cases that are not caused by the manufacturer;
4. The warranty obligations do not involve performing routine maintenance of the product.



For all questions, please contact:
"Enigma" tel. +7(925)5023548; info@cardreader.ru, www.cardreader.ru

DATASHEET

Universal standalone reader-controller "Privratnik-01C"

«ENIGMA» LLC, Moscow, RUSSIA, 2017 г.