PROCONTROL®

Proxer-8 reader

Wall-mounted RFID proximity card reader

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PROCONTROL ELECTRONICS LTD
www.procontrol.hu

Proximity card reader, can be integrated into access control systems

Proxer 8 is a wall-mounted proximity card reader with smooth lines and clear design. It reads RFID proximity transponders, like cards, bracelets, key fobs and tags, checks access rights and controls door.

It can be integrated into access control and worktime systems with UniGate 2040 controller or as auxiliary reader to Proxer 30 and Proxer 64 a complete worktime and attendance solution with an auxiliary Proxer 8 reader.

The **Proxer 8** has a built-in RFID proximity card reader, multi coloured led light and sounder. Its RFID reader can be programmed to read almost all card types, be it 125 kHz or 13,56 MHz.

Registering cards, assigning and revoking them, making a query for the logs, printing them, preparing the monthly papers happens with the Procontrol's ProxerNet Building Management software Access and Worktime modules. The software modules are compatible with the complete Proxer family and other Building Management System elements. The software modules can handle foreign RFID readers too.

The Association of the Hungarian Insurance Companies (MAIBSZ) recommends for acceptance to its member insurance companies the intrusion prevention tools of Procontrol: the ProxerNet building management system, the Proxer card readers and terminals, the Workstar access control and worktime terminal family, and the ProxerGate and ProxerPort access gate families.

Properties

- RFID card reader for the given card type ("Allreader")
- Can be integrated with UniGate 2040 controller or Proxer 30 and Proxer64 terminals
- At online operation cards can be immediately disabled in ProxerNet software
- Interface: Wiegand, PoRS485/RS422 (max. 128 terminals in one string), optionally USB port, Ethernet IEEE 802.3 af PoE
- Indoor, optionally outdoor housing
- Environmental temperature: -25 - +50 C°
- Relative humidity: max. 80%
- Mechanical size: 80 x 90 x 25 mm

Structure

The housing is an 80 x 90 x 25 mm sized black ABS case with brushed steel plate and black safety glass sheet in clear design.

Types

- According to RFID standard
  - LF (low frequency, 125/134kHz) types (e.g. eMarine, HID ProxCard II, Indala, Indala Kantech, TI RFID (Tiris), HITAG 2)
  - HF (high frequency, 13.56MHz) types (e.g. Mifare, Texas Instruments, HID iClass, Legic Advant)
  - FF (full frequency) reading LF and HF transponders too
- According to interface and output
  - RS485
  - Wiegand (Proxer64 HF-W Wiegand

Reader can be combined with

- Proxer 30 access control and attendance terminal
- Proxer 64 access control and attendance terminal
- UniGate 2040 controller

Implementation and mounting

Backboard can be screwed to wall with standard bores. Cables can be connected with 12 pcs 3,81mm terminal assemblies and/or connected with 2 pcs RJ45 plugs. The RS485 bus can be strung.

Front cover can be snapped on and fixed with one torx screw from the bottom.

In indoor design, it has IP54 protection, without packing; at optional outdoor design, the terminal gets IP65 intrusion protection with silicone gasket.