Each PRT12MF series reader can be used as a universal identification point connected to the access controller or configured for autonomous work, as a simple access controller for a single door. In the first case, the reader's functionality is limited only to reading an identifier (card/PIN) and sending data to an external controller, which takes further action. In case of work in a standalone mode, PRT12MF terminals can independently supervise a single door using data entered in the process of their configuration. An external 12 V relay module should be used to operate the executive element at the door.

Features:

- power supply 12 VDC
- 13.56 MHz MIFARE cards
- reads CSN number
- reads MSN and SSN number *(refers only to MIFARE Classic cards)*
- programmable data output format
- formats: Wiegand 26-66bit, Magstripe (Clock and data), RS232, RACS (Roger) and others
- various ways of PIN and keypad codes transmission
- LED and Buzzer controlled through separate inputs
- outdoor/indoor installation
- MIFARE card programming (when operate under RARC freeware software)
- may operate as an offline standalone access controller
- up to 120 indexed users with card and/or PIN (standalone mode)
- authentication: Card and/or PIN
- event log for 1024 transactions
- built-in 1.5 A/30 V relay output (PRT64MF & PRT66MF readers only)

- two NO/NC inputs
- two 150 mA transistor outputs
- operation with XM-2 I/O extension module
- possible connection of the external PRT series reader (two way door control)
- programmed manually or from PC
- free managing software (RARC)
- tamper
- average current consumption 85 mA (65 mA for version without keypad)
- reading distance up to 6 cm
- environmental conditions of operation:
  - temperature from -25°C to +60°C
  - humidity from 10% to 95%
- dimensions (height x width x depth):
  - with standard enclosure base: 152.5 x 46.0 x 23.0 mm
  - with extended enclosure base: 152.5 x 46.0 x 35.0 mm
- weight: ≈150.0 g
- CE mark

Ordering guide	
Item	*Description*
PRT12MF	ISO/IEC 14443A/MIFARE outdoor proximity reader with keypad
PRT12MF-BK	ISO/IEC 14443A/MIFARE outdoor proximity reader

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