



Each PRT12EM 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 identi-

fier (card/PIN) and sending data to an external controller, which takes further action. In case of work in a standalone mode, PRT12EM terminals can independently supervise a single door using data entered in the process of their configuration.

Features:

- power supply 12 VDC
- EM 125 kHz cards
- programmable data output format: Wiegand 26-66bit, Magstripe (Clock and data), RS232, RACS (Roger)
- various ways of PIN and keypad codes transmission
- LED and Buzzer controlled through separate inputs
- outdoor installation (except PRT42EM)
- can be used for EMC-4 card programming (free of charge RARC software is required)
- programmed manually or from PC
- may operate as an offline standalone access controller
- 120 indexed users
- authentication: Card and/or PIN
- event log for 1024 transactions
- built-in programmable 1.5 A/30 V relay output
- two NO/NC inputs
- two transistor outputs
- operation with XM-2 I/O extension module
- possible connection of the external PRT series reader (two way door control)
- tamper
- average current consumption 65 mA (45 mA for version without keypad)
- reading distance up to 15 cm
- environmental conditions of operation:
 - temperature from -25°C to +60°C
 - humidity from 10% to 95%
- dimensions with standard enclosure base: 152.5 x 46.0 x 23.0 mm (height x width x depth)
- dimensions with extended enclosure base: 152.5x 46.0 x 35.0 mm (height x width x depth)
- weight: ≈150.0 g
- CE mark

Ordering guide	
Item	Description
PRT12EM	EM 125 kHz outdoor proximity reader with keypad
PRT12EM-BK	EM 125 kHz outdoor proximity reader

Legal Notice

This document is not intended to be a technical specification of the product and has informative character only. The Manufactures of product reserves right to change its characteristic without notice. The product features listed in this document refer to the entire series and depends on particular product version, configuration and additional equipment.

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