



PRT12MF-R4 reader is an identification terminal designed for use in the RACS 4 (Roger) access control system. User identification can be achieved using a proximity card or PIN code. The reader allows reading the card serial number (CSN) or a programmable one stored in the encrypted sectors of the card memory (SSN). Reader is equipped with programmable RGB LED

indicator. Communication between access controller and reader is carried out using RACS CLK/DTA (Roger) or Wiegand. The cable connection between reader and access controller can be up to 150 m long and made using any type of signal cable. Reader belongs to DOMINO design series.

**Features:**

- 13.56 MHz MIFARE® Ultralight/Classic
- RACS CLK/DTA interface or Wiegand
- LED indicator
- buzzer with adjustable volume level
- keypad with adjustable LED backlight
- 2 function keys
- LED and buzzer controlled through separate inputs
- tamper
- RogerVDM Windows software for configuration
- firmware upgrade
- pig-tail cable 0.5 m
- 12 VDC power supply
- outdoor and indoor operation
- dimensions: 152.5×46×23 mm (H×W×D)
- CE marking; RoHS

Technical data	
<b>Supply voltage</b>	12 VDC (min. 10 VDC, max. 15 VDC)
<b>Average current consumption</b>	85 mA
<b>Tamper</b>	Both enclosure opening and detachment, contact NC (10 mA)
<b>Identification</b>	SSN ISO/IEC14443A 13.56 MHz MIFARE® Classic; CSN ISO/IEC14443A 13.56 MHz MIFARE Ultralight®; PIN code
<b>Reading distance</b>	Up to 7 cm for MIFARE® Classic proximity cards
<b>Cable length to controller</b>	150 m
<b>Ingress protection class</b>	IP65
<b>Impact protection class</b>	IK07
<b>Environmental class according to EN 50133-1</b>	Class IV; outdoor general conditions; relative humidity: 10 to 95% without condensation; temperature: -25°C to +60°C
<b>Dimensions (H×W×D)</b>	152.5×46×23 mm
<b>Weight</b>	~150 g
<b>Certificates</b>	CE marking, RoHS
<b>Manufacturer's warranty</b>	36 months

Ordering guide	
Item	Description
<b>PRT12MF-R4</b>	Proximity reader with keypad; MIFARE® Ultralight/Classic; RACS CLK/DTA or Wiegand communication interface; 12 VDC supply; DOMINO series design; outdoor and indoor operation
<b>PRT12MF-R4-BK</b>	Proximity reader; MIFARE® Ultralight/Classic; RACS CLK/DTA or Wiegand communication interface; 12 VDC supply; DOMINO series design; outdoor and indoor operation

**Legal Notice**

This document is not intended to be a technical specification of the product and has informative character only. The Manufacturer 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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