

product type designation

**RF210M hand-held reader**

SIMATIC RF200 handheld reader RF210M, with integr. RFID write/read unit RF210R, RS422 interface incl. 2 m connection cable.



suitability for operation

RF200/ISO 15693 transponder, to connect to communication modules via spiral cable with usable length of 2 m to 3.5 m

range

0 ... 20 mm

### radio frequencies

operating frequency / rated value

13.56 MHz

### electrical data

protocol / with radio transmission

ISO 15693, ISO 18000-3

transfer rate / with radio transmission / maximum

26.5 kbit/s

product feature / multitag-capable

No

### supply voltage, current consumption, power loss

type of current supply

24 V via communication module

type of battery

--

### ambient conditions

ambient temperature

- during operation
- during storage

-20 ... +50 °C

-25 ... +60 °C

height of fall / maximum

1.5 m

protection class IP

IP54

### design, dimensions and weights

width

195 mm

height

140 mm

depth

26 mm

net weight

0.46 kg

### product features, product functions, product components / general

design of the display

3 color LED

design of the interface

M12 8-pole with RS422 at spiral cable, which is permanently fixed to the reader

### product functions / management, configuration, engineering

product function / of the software

Function blocks for execution of ISO15693 transponders

type of programming

Function blocks FB 45/55, ident profile

### standards, specifications, approvals

certificate of suitability

Wireless according to R&TTE guidelines EN300 330 and EN 301489, FCC, UL/CSA

### further information / internet links

internet link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database

<https://support.industry.siemens.com/cs/ww/en/view/67384964>

<http://www.siemens.com/ident/rfid>

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

- to website: CAx-Download-Manager
- to website: Industry Online Support

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

**last modified:**

8/29/2023 