

### 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

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### 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

### reference code

- according to IEC 81346-2:2019

BYB

### further information / internet links

### internet link

- to website: Selection guide for cables and connectors
- to web page: selection aid TIA Selection Tool
- to web page: RFID country approval

<https://support.industry.siemens.com/cs/ww/en/view/109766358>

<https://www.siemens.com/tstcloud>

<https://www.siemens.com/rfid-approvals>

- to web page: identification and localization systems
- to website: Industrial communication
- to web page: SiePortal
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<https://www.siemens.com/ident>  
<https://www.siemens.com/simatic-net>  
<https://sieportal.siemens.com/>  
<https://www.automation.siemens.com/bilddb>  
<https://www.siemens.com/cax>  
<https://support.industry.siemens.com>

security information

security information

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Approvals / Certificates

|                          |     |                                           |
|--------------------------|-----|-------------------------------------------|
| General Product Approval | EMV | Radio Equipment Type Approval Certificate |
|--------------------------|-----|-------------------------------------------|



[KC](#)

[Industry Canada \(IC\)](#)

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|-------------------------------------------|-------------|
| Radio Equipment Type Approval Certificate | Environment |
|-------------------------------------------|-------------|

[Miscellaneous](#)

[Confirmation](#)



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