

Product type designation	RF210M hand-held reader SIMATIC RF200 handheld reader RF210M, with integr. RFID read/write 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
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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	-20 ... +50 °C
• during storage	-25 ... +60 °C
Height of fall / maximum	1.5 m
Protection class IP	IP54
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
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Further information / Internet-Links

Internet-Link

- to website: Selector SIMATIC NET SELECTION TOOL
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<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>

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

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

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