

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.



product brand name	SIMATIC RF
Technical Product Detail Page	<a href="https://l.siemens.com/1P6GT2823-0AA00">https://l.siemens.com/1P6GT2823-0AA00</a>
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
<b>radio frequencies</b>	
operating frequency / rated value	13.56 MHz
<b>electrical data</b>	
protocol / with radio transmission	ISO 15693, ISO 18000-3
transfer rate / with radio transmission / maximum	26.5 kbit/s
product feature / multitag-capable	No
<b>supply voltage, current consumption, power loss</b>	
type of current supply	24 V via communication module
type of battery	--
<b>ambient conditions</b>	
ambient temperature	
• during operation	-20 ... +50 °C
• during storage	-25 ... +60 °C
height of fall / maximum	1.5 m
protection class IP	IP54
<b>design, dimensions and weights</b>	
width	195 mm
height	140 mm
depth	26 mm
net weight	0.46 kg
<b>product features, product functions, product components / general</b>	
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
<b>product functions / management, configuration, engineering</b>	
product function / of the software	Function blocks for execution of ISO15693 transponders
type of programming	Function blocks FB 45/55, ident profile
<b>standards, specifications, approvals</b>	
certificate of suitability	Wireless according to R&TTE guidelines EN300 330 and EN 301489, FCC, UL/CSA
<b>standards, specifications, approvals / Environmental Product Declaration</b>	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	50.4 kg

- during manufacturing
- during operation
- after end of life

10.7 kg  
39.4 kg  
0.3 kg

**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
- 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://support.industry.siemens.com/cs/ww/en/view/109766358>  
<https://www.siemens.com/tstcloud>  
<https://www.siemens.com/rfid-approvals>  
<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**



[China RoHS](#)



**General Product Approval**

**EMV**

**Radio Equipment Type Approval Certificate**

**Environment**



[Manufacturer Declaration](#)



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

[Miscellaneous](#)



last modified:

3/10/2026