

product type designation

**RF1060R USB reader**

SIMATIC RF1000 Access control reader RF1060R; ISO 14443 A/B Mifare, ISO15693 USB port; IP65 front, -25 to +55 °C; 90 x 62 x 25 mm LxWxH; with integrated antenna, incl. 1.8 m USB connecting cable .



product brand name

SIMATIC RF

Technical Product Detail Page

<https://l.siemens.com/1P6GT2831-6AA60>

suitability for operation

ISO 15693 and ISO 14443 A/B transponder, for connecting to PC and control systems

### radio frequencies

operating frequency / rated value

13.56 MHz

range / maximum

0.03 m; Range is dependent on transponder type: observe <http://support.automation.siemens.com/WW/view/en/67384964>

protocol / with radio transmission

ISO 15693, ISO 14443 A/B, Felica, NXP NTAG21x, HID iClass

transfer rate / with radio transmission / maximum

424 kbit/s

product feature / multitag-capable

Yes

### interfaces

standard for interfaces / for communication

USB 2.0

type of electrical connection

1.8 m connecting cable with USB 2.0 type A connector

### mechanical data

material

PC-GF

color

titanium gray

mounting distance / relating to metal surfaces / recommended / minimum

0 mm

### supply voltage, current consumption, power loss

supply voltage / at DC

- rated value

5 V

- 

4.5 ... 5.25 V

consumed current / at DC

- at 5 V / typical

0.15 A

- at 5 V / maximum

0.3 A

### ambient conditions

ambient temperature

- during operation

-25 ... +55 °C

- during storage

-25 ... +55 °C

- during transport

-25 ... +55 °C

protection class IP

IP65; on front after cabinet installation, IP20 rear

shock resistance

EN 60721-3-7 Class 7 M2

shock acceleration

300 m/s<sup>2</sup>

vibrational acceleration

50 m/s<sup>2</sup>

### design, dimensions and weights

width



90 mm

height

62 mm

depth

23.5 mm

net weight	0.12 kg				
fastening method	4 M4 screws for cabinet installation				
<b>product features, product functions, product components / general</b>					
display version	3-color LED				
product feature / silicon-free	Yes				
<b>standards, specifications, approvals</b>					
certificate of suitability	Radio according to R&TTE guidelines EN300 330 and EN 301489, FCC, cULus				
certificate of suitability • IECEx	No				
<b>accessories</b>					
accessories	card holder, USB cable 0.5 m, table/wall box, clean room cover,				
<b>further information / internet links</b>					
internet link <ul style="list-style-type: none"> <li>to web page: selection aid TIA Selection Tool</li> <li>to web page: RFID country approval</li> <li>to web page: identification and localization systems</li> <li>to web page: SiePortal</li> <li>to website: Image database</li> <li>to website: CAX-Download-Manager</li> <li>to website: Industry Online Support</li> </ul>	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a> <a href="https://www.siemens.com/rfid-approvals">https://www.siemens.com/rfid-approvals</a> <a href="https://www.siemens.com/ident">https://www.siemens.com/ident</a> <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a> <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>				
<b>security information</b>					
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<b>Approvals / Certificates</b>					
<b>General Product Approval</b>					
					
General Product Approval	EMV	Radio Equipment Type Approval Certificate			
<a href="#">Manufacturer Declaration</a>		<a href="#">Industry Canada (IC)</a>	<a href="#">Miscellaneous</a>	<a href="#">FCC</a>	<a href="#">Miscellaneous</a>

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