

Product type designation

RF1060R USB reader

SIMATIC RF1000 Access control reader RF1060R; ISO 14443 A/B Mifare, ISO15693 USB port; IP 65 front, -25 to +55 °C; 90 x 62 x 25 mm LxWxH; with integrated antenna, incl. 1.8 m connecting cable



Suitability for operation

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

Wireless frequencies

Operating frequency / Rated value	13.56 MHz
Range / maximum	30 mm; 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
Transfer rate / with radio transmission / maximum	848 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	Ti gray
Tightening torque / of the screw for securing the equipment / maximum	1.5 N·m

Mounting distance / relating to metal surfaces / recommended / minimum	0 mm
Supply voltage, current consumption, power loss	
Supply voltage	
• at DC / Rated value	5 V
• at DC	4.5 ... 5.25 V
Consumed current / at DC / at 24 V	
• typical	0.15 A
• maximum	0.3 A
Permitted 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 ²
Vibrational acceleration	50 m/s ²
Design, dimensions and weight	
Width	90 mm
Height	62 mm
Depth	23.5 mm
Net weight	0.12 kg
Mounting type	4 M4 screws for cabinet installation
Product properties, functions, components / general	
Display version	3-color LED
Product feature / silicon-free	Yes
Standards, specifications, approvals	
Certificate of suitability	Radio according to R&TTE guidelines EN300 330 and EN 301489, FCC, cULus
Accessories	
accessories	Card holder, USB cable 0.5 m
Further Information / Internet Links	
Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	https://support.industry.siemens.com/cs/ww/en/view/67384964
• to website: Industrial communication	http://www.siemens.com/ident/rfid
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb

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

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

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