

SIMATIC RF1000 BLE license card with single license for enabling the BLE function for RF10x0R reader



suitability for operation to enable the Bluetooth function with RF1040R and RF1070R
 Technical Product Detail Page <https://l.siemens.com/1P6GT2300-0CC00-0AX2>

radio frequencies

operating frequency / rated value	13.56 MHz
range / maximum	0.05 m; Range depends on reader
protocol / with radio transmission	ISO 14443-A
transfer rate / with radio transmission / maximum	106 kbit/s
product feature / multitag-capable	No

electrical data

product component / backup battery	No
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memory

type of memory	EEPROM
storage capacity / of the user memory	8000 byte
type of memory organization	UID (fixed code) 7 bytes, user memory 8000 bytes (encrypted, configuration can only be created with special tool)
number of read cycles / at ambient temperature < 40 °C / maximum	1E+14
number of write cycles / at ambient temperature < 40 °C / maximum	100000
data retention time / at ambient temperature < 40 °C / not less than	10 a
type of transponder chip used	MIFARE DESFire EV2

mechanical data

material	PVC
color	white
mounting distance / relating to metal surfaces / recommended / minimum	20 mm

ambient conditions

ambient temperature	
<ul style="list-style-type: none"> during read/write access outside the read/write area during storage 	-25 ... +60 °C
protection class IP	IP67

design, dimensions and weights

width	54 mm
height	0.8 mm
depth	86 mm
net weight	6 g

product features, product functions, product components / general

product feature	
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• printable	Yes
printing process	pre-marked by label
standards, specifications, approvals	
certificate of suitability	
• IECEX	No
further information / internet links	
internet link	
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to web page: identification and localization systems	https://www.siemens.com/ident
• to web page: SiePortal	https://sieportal.siemens.com/
• to website: Image database	https://www.automation.siemens.com/bilddb
• to website: CAX-Download-Manager	https://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry . Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert . (V4.7)
Approvals / Certificates	
General Product Approval	EMV

[Manufacturer Declaration](#) [KC](#)

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