

product type designation

RF360T transponder

SIMATIC RF300 Transponder RF360T EPOXY card, 32 KB FRAM, IP67, -25 to +70 °C, 85x 54x 2.5 mm, Minimum order quantity 10 units



Figure similar

suitability for operation	RF300
product brand name	SIMATIC RF
Technical Product Detail Page	https://l.siemens.com/1P6GT2800-5AC00
radio frequencies	
operating frequency / rated value	13.56 MHz
range / maximum	150 mm; range is reader dependent: observe http://support.automation.siemens.com/WW/view/en/67384964
protocol / with radio transmission	RF300-specific
transfer rate / with radio transmission / maximum	106 kbit/s
product feature / multitag-capable	No
electrical data	
product component / backup battery	No
memory	
type of memory	FRAM / EEPROM
storage capacity / of the user memory	32765 byte
type of memory organization	UID (fixed code) 4 bytes, user memory 32765 bytes, OTP memory 20 bytes
number of read cycles / at ambient temperature < 40 °C / maximum	1E+10
number of write cycles / at ambient temperature < 40 °C / maximum	1E+10
data retention time / at ambient temperature < 40 °C / not less than	10 a
property of memory	Block-by-block write protection of the OTP memory
mechanical data	
material	Epoxy resin
color	anthracite
mounting distance / relating to metal surfaces / recommended / minimum	20 mm
ambient conditions	
ambient temperature	
• during read/write access	-25 ... +75 °C
• outside the read/write area	-40 ... +85 °C
• during storage	-40 ... +85 °C
protection class IP	IP67
shock resistance	According to DIN EN 60721-3-7 Class 7 M3
shock acceleration	500 m/s ²
vibrational acceleration	200 m/s ²
resistance to mechanical stress	Continuous torsion and bending stress not permissible

design, dimensions and weights	
width	55 mm
height	2.5 mm
depth	86 mm
net weight	25 g
fastening method	2 x M3 screws, mounting bag (see accessories)

product features, product functions, product components / general	
product feature	
<ul style="list-style-type: none"> silicon-free 	Yes
<ul style="list-style-type: none"> printable 	No

standards, specifications, approvals	
certificate of suitability	
<ul style="list-style-type: none"> IECEX 	No
<ul style="list-style-type: none"> cULus approval 	Yes
MTBF	1200 a

standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
<ul style="list-style-type: none"> total 	0.93 kg
<ul style="list-style-type: none"> during manufacturing 	0.88 kg
<ul style="list-style-type: none"> during operation 	0.00041 kg
<ul style="list-style-type: none"> after end of life 	0.05 kg

accessories	
accessories	Fixing strap, spacer

further information / internet links	
internet link	
<ul style="list-style-type: none"> to web page: selection aid TIA Selection Tool 	https://www.siemens.com/tstcloud
<ul style="list-style-type: none"> to web page: identification and localization systems 	https://www.siemens.com/ident
<ul style="list-style-type: none"> to web page: SiePortal 	https://sieportal.siemens.com/
<ul style="list-style-type: none"> to website: Image database 	https://www.automation.siemens.com/bilddb
<ul style="list-style-type: none"> to website: CAx-Download-Manager 	https://www.siemens.com/cax
<ul style="list-style-type: none"> to website: Industry Online Support 	https://support.industry.siemens.com

security information	
security information	<p>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)</p>

Approvals / Certificates	
General Product Approval	



EG-Konf.



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[Manufacturer Declaration](#)

EMV	Environment
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