SIEMENS

Data sheet **6GT2300-0CC00-0AX0**

product type designation	**Transponder RF1100T configuration**
	SIMATIC RF1000, Transponder RF1100T for the configuration of all RF1000 reader; MIFARE DESFire EV2 IP67, -25 … +60°C, 85x 54x 0.8 mm Minimum order quantity 5;

suitability for operation	to copy a previously created configuration on RF1000 reader
radio frequencies	
operating frequency / rated value	13.56 MHz
range / maximum	50 mm; 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
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	1000000
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	
● during read/write access	-25 ... +60 °C
● outside the read/write area	-25 ... +60 °C
● 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	
● printable	Yes

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printing process	handwriting with pen
standards, specifications, approvals	
certificate of suitability	
● IECEx	No
further information / internet links	
internet link	
● to web page: selection aid TIA 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	http://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

last modified: 2/10/2022

6/23/2023