SIEMENS

Data sheet   **6GT2700-3DA13**

SIMATIC RTLS transponder RTLS4030T, UWB/phase, FCC

suitability for operation	RTLS4000 with UWB, phase technology
radio frequencies	
operating frequency / 1	3100 ... 7000 MHz; depending on the country approvals
range / 1 / maximum	30 m; Range information for open air applications; always follow the manual
accuracy of localization / 1	
● typical	0.1 m
protocol / 1 / with radio transmission	IEEE 802.15.4-2015 UWB HRP PHY
transfer rate / 1 / with radio transmission / maximum	850 kbit/s
operating frequency / 2	2400 ... 2480 MHz; depending on the country approvals
range / 2 / maximum	50 m; Range information for open air applications; always follow the manual
accuracy of localization / 2	
● typical	3 m
protocol / 2 / with radio transmission	IEEE 802.15.4
transfer rate / 2 / with radio transmission / maximum	1000 kbit/s
electrical data	
type of voltage supply	battery
product component / backup battery	Yes
product feature / replaceable battery	Yes
battery life / typical	1 a; Standby mode: 1 year, UWB localization 1 second cycle: 6 months
memory	
type of memory	FLASH
data retention time / at ambient temperature < 40 °C / not less than	20 a
property of memory	Configuration memory
mechanical data	
material	PC (translucent)
color	Gray.
tightening torque / of the screw for securing the equipment / maximum	0.4 N·m
ambient conditions	
ambient temperature	
● during read/write access	-10 ... +50 °C
● outside the read/write area	-10 ... +50 °C
● during storage	-10 ... +50 °C
protection class IP	IP54
design, dimensions and weights	
width	89 mm
height	30 mm
depth	29 mm
net weight	90 g

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fastening method	2 x M2.5 screws, cable ties
product features, product functions, product components / general	
display version	1 two-color LED
standards, specifications, approvals	
certificate of suitability	EU conformity according to RED, RoHS, FCC
accessories	
accessories	CR123A replacement battery
further information / internet links	
internet link	
● to website: Industrial communication	http://www.siemens.com/simatic-rtls
● 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

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