

-- spare part -- SIMATIC RTLS transponder, PCB OEM pulse UWB ETSI scope of delivery: 10 units.



suitability for operation	RTLS4000 with UWB technology, electronics with remote antenna
radio frequencies	
operating frequency	3100 ... 7000 MHz
range / maximum	30 m; Range information for open air applications; always follow the manual
accuracy of localization	
• typical	0.2 m
protocol / with radio transmission	IEEE 802.15.4-2011 UWB
transfer rate / with radio transmission / maximum	6800 kbit/s
electrical data	
type of voltage supply	Connector, type: JST SM04B-SRSS-TB for customer-facing cable for connection to the power supply, 3.3 Volt (+/- 100 mV), max. 0.3 A
product component / backup battery	No
type of electrical connection / for external antenna(s)	20 x 38 mm remote antenna with 5 cm line
memory	
type of memory	FLASH
data retention time / at ambient temperature < 40 °C / not less than	20 a
property of memory	Configuration memory
ambient conditions	
ambient temperature	
• during read/write access	0 ... 50 °C
• outside the read/write area	0 ... 50 °C
• during storage	0 ... 50 °C
protection class IP	IP00
design, dimensions and weights	
width	44 mm
height	7.5 mm
depth	24 mm
net weight	10 g
fastening method	3 M1.6 screws
product features, product functions, product components / general	
display version	LED
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

security information

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Approvals / Certificates

General Product Approval

Radio Equipment Type Approval Certificate



[China RoHS](#)

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last modified:

6/3/2024