

product type designation	Transponder RTLS4060T, FCC
suitability for operation	SIMATIC RTLS Transponder RTLS4060T, FCC, UWB, phase.
product brand name	RTLS4000 with UWB, phase technology
Technical Product Detail Page	SIMATIC RTLS
	https://i.siemens.com/1P6GT2700-6DE13
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	2405 ... 2480 MHz; depending on the country approvals
range / 2 / maximum	500 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	Bulgin connector, type PX0410/08S/6065 pin, 8-pin, 10 to 30 Volt, max. 3.5 W
product component / backup battery	No
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
color	light gray (RAL 7035)
tightening torque / of the screw for securing the equipment / maximum	2 N·m
ambient conditions	
ambient temperature	
• during read/write access	-15 ... +50 °C
• outside the read/write area	-15 ... +50 °C
• during storage	-15 ... +50 °C
protection class IP	IP65
design, dimensions and weights	
width	66 mm
height	43 mm
depth	151 mm
net weight	180 g
fastening method	4 x M5 screws
product features, product functions, product components / general	
operator element version	8-pin plug type PX0410/08S/6065 for 2 DI (24 V), 1 DO (max. 250 mA), VCC 24 V DC
accessories	
accessories	Connecting cable with Bulgin plug, 8-pin
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
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

- <https://www.siemens.com/ident>
- <https://sieportal.siemens.com/>
- <https://www.automation.siemens.com/bilddb>
- <https://www.siemens.com/cax>
- <https://support.industry.siemens.com>

security information

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Approvals / Certificates

General Product Approval



[China RoHS](#)

[China RoHS](#)

[Manufacturer Declaration](#)

Radio Equipment Type Approval Certificate

Test Certificates

[Miscellaneous](#)

[inspection certificate](#)

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