

product type designation	<b>Transponder RTLS4060T, ETSI</b>
suitability for operation	SIMATIC RTLS transponder RTLS4060T, ETSI, UWB, phase.
product brand name	RTLS4000 with UWB, phase technology
Technical Product Detail Page	SIMATIC RTLS
	<a href="https://i.siemens.com/1P6GT2700-6DE03">https://i.siemens.com/1P6GT2700-6DE03</a>
<b>radio frequencies</b>	
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
<b>electrical data</b>	
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
<b>memory</b>	
type of memory	FLASH
data retention time / at ambient temperature < 40 °C / not less than	20 a
property of memory	Configuration memory
<b>mechanical data</b>	
material	PC
color	light gray (RAL 7035)
tightening torque / of the screw for securing the equipment / maximum	2 N·m
<b>ambient conditions</b>	
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
<b>design, dimensions and weights</b>	
width	66 mm
height	43 mm
depth	151 mm
net weight	180 g
fastening method	4 x M5 screws
<b>product features, product functions, product components / general</b>	
operator element version	8-pin plug type PX0410/08S/6065 for 2 DI (24 V), 1 DO (max. 250 mA), VCC 24 V DC
<b>accessories</b>	
accessories	Connecting cable with Bulgin plug, 8-pin
<b>further information / internet links</b>	
internet link	
• to web page: selection aid TIA Selection Tool	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>

- 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

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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