

product type designation

Transponder RTLS4060T, ISED

SIMATIC RTLS transponder RTLS4060T, ISED, UWB, phase.



suitability for operation

RTLS4000 with UWB, phase technology

product brand name

SIMATIC RTLS

Technical Product Detail Page

<https://l.siemens.com/1P6GT2700-6DE33>

radio frequencies

operating frequency / 1

3100 ... 7000 MHz

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

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
- outside the read/write area
- during storage

-15 ... +50 °C

-15 ... +50 °C

-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
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accessories

accessories	Connecting cable with Bulgin plug, 8-pin
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further information / internet links

internet link	<ul style="list-style-type: none"> • 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 • to website: Industry Online Support https://support.industry.siemens.com
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security information

security information	<p>Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)</p>
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Approvals / Certificates

General Product Approval





[China RoHS](#)

[China RoHS](#)

[Manufacturer Declaration](#)

Radio Equipment Type Approval Certificate	<p>Test Certificates</p> <p>Miscellaneous inspection certificate</p>
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