# SIEMENS

| product type designation | **Gateway RTLS4030G** |
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| | SIMATIC RTLS Gateway RTLS4030G, UWB, phase, ETSI,. |



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| suitability for operation | RTLS4000 with UWB, phase technology |
| **radio frequencies** | |
| operating frequency / 1 | 3100 ... 7000 MHz; depending on the country approvals |
| equivalent isotropically radiated power / 1 | 0.001 ... 0.037 mW |
| 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 |
| equivalent isotropically radiated power / 2 | 0.022 ... 100 mW |
| 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 |
| **interfaces** | |
| standard for interfaces / for communication | Ethernet, MESH Network |
| type of electrical connection | |
| ● for supply voltage | Bulgin PX0412/03P, 3-pin connector, PoE over RJ45 acc. to IEEE 802.3af |
| ● for communications interface | RJ45, Amphenol LTW RCP-5SPFFHTCU7001 |
| ● at the digital inputs/outputs | Bulgin PX0412/03P, 3-pin connector |
| number of digital inputs | 0 |
| number of digital outputs | 1 |
| **mechanical data** | |
| material | ASA+PC |
| color | Ti gray |
| **supply voltage, current consumption, power loss** | |
| supply voltage / at DC | |
| ● rated value | 24 V |
| ● | 8 ... 30 V |
| consumed current / at DC | |
| ● at 24 V / maximum | 0.38 A |
| **ambient conditions** | |
| ambient temperature | |
| ● during operation | -15 ... +50 °C |
| ● during storage | -15 ... +50 °C |
| ● during transport | -15 ... +50 °C |
| protection class IP | IP65 |
| **design, dimensions and weights** | |
| width | 180 mm |

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| height | 48 mm |
| depth | 180 mm |
| net weight | 0.65 kg |
| fastening method | 3 M4 screws |
| **product features, product functions, product components / general** | |
| display version | Three LEDs |
| protocol / is supported / Media Redundancy Protocol (MRP) | No |
| protocol / is supported | |
| ● LLDP | No |
| ● PROFINET IO protocol | No |
| ● TCP/IP | Yes |
| ● SNMP v1 | No |
| ● SNMP v2 | No |
| ● SNMP v3 | No |
| ● DCP | No |
| ● EtherNet/IP protocol | No |
| ● OPC UA | No |
| product feature / silicon-free | Yes |
| **standards, specifications, approvals** | |
| certificate of suitability | EU conformity according to RED, RoHS |
| certificate of suitability | |
| ● IECEx | No |
| **accessories** | |
| accessories | Corner mount bracket, mounting plate for ceiling suspension |
| **further information / internet links** | |
| internet link | |
| ● to website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 |
| ● to web page: selection aid TIA Selection Tool | https://www.siemens.com/tstcloud |
| ● 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 |
| **security information** | |
| security information | 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) |

**Approvals / Certificates**

| General Product Approval | | Radio Equipment Type Approval Certificate | Environment | |
|---|---|---|---|---|
| CE EG-Konf. | UKCA | Miscellaneous | Confirmation | EPD |

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| **last modified:** | 5/18/2024 |

5/27/2024