

-- 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  |
| product brand name   | SIMATIC RTLS   |
| <b>radio frequencies</b>   |  |
| 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  |
| <b>electrical data</b>   |  |
| 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   |
| <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>ambient conditions</b>  |  |
| 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   |
| <b>design, dimensions and weights</b>                                    |  |
| width  | 44 mm  |
| height   | 7.5 mm   |
| depth  | 24 mm  |
| net weight   | 10 g   |
| fastening method   | 3 M1.6 screws  |
| <b>product features, product functions, product components / general</b> |  |
| display version  | LED  |
| <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                   | <a href="https://www.siemens.com/ident">https://www.siemens.com/ident</a>  |
| • to web page: SiePortal   | <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a>  |
| • to website: Image database   | <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a>                                  |

- to website: CAx-Download-Manager
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security information

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**General Product Approval**



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