

product type designation

Transponder RTLS4060T, ETSI

SIMATIC RTLS transponder RTLS4060T, ETSI, UWB, phase.



suitability for operation

RTLS4000 with UWB, phase technology

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
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<https://www.siemens.com/tstcloud>
<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

Environment



[Confirmation](#)

last modified:

5/17/2024