

product type designation

Transponder RTLS4060T FCC

SIMATIC RTLS Transponder RTLS4060T, UWB/phase, FCC



suitability for operation

RTLS4000 with UWB, phase technology

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	0.2 m
transfer rate / 1 / with radio transmission / maximum	850 kbit/s
operating frequency / 2	2400 ... 2480 MHz
range / 2 / maximum	500 m; Range information for open air applications; always follow the manual
accuracy of localization / 2	
• typical	1 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
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memory

type of memory	FLASH
data retention time / at ambient temperature < 40 °C / not less than	20 y
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	
<ul style="list-style-type: none"> • during read/write access • outside the read/write area • during storage 	<p>-15 ... +50 °C</p> <p>-15 ... +50 °C</p> <p>-15 ... +50 °C</p>
protection class IP	IP65

design, dimensions and weights

width	66 mm
height	43 mm
depth	151 mm
net weight	180 g
mounting type	4 x M5 screws

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 website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx Download Manager • to website: Industry Online Support 	<p>http://www.siemens.com/simatic-rtls</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/industry/infocenter</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>

last modified: 09/16/2020