

product type designation

Transponder RTLS4060T

SIMATIC RTLS transponder RTLS4060T, UWB, phase,



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

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 • 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
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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	
<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 	http://www.siemens.com/simatic-rtls https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com
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