

product type designation	Transponder RTLS4460T OEM CD SIMATIC RTLS transponder, spec. RTLS4460T-based for CD, chirp, for external antenna with RSMA
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Figure similar

suitability for operation	RTLS4000 with chirp technology
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radio frequencies	
operating frequency	2400 ... 2480 MHz
range / maximum	1000 m; Range information for open air applications; always follow the manual
accuracy of localization	
• typical	1.5 m
protocol / with radio transmission	IEEE 802.15.4a CSS
transfer rate / with radio transmission / maximum	1000 kbit/s

electrical data	
type of voltage supply	Connection plug 16-pin, 10 to 30 Volt, max. 1.6 W
product component / backup battery	No
type of electrical connection / for external antenna(s)	RSMA female

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	FR ABS
color	grey
tightening torque / of the screw for securing the equipment / maximum	0.6 N·m
ambient conditions	
ambient temperature	
• during read/write access	-40 ... +70 °C
• outside the read/write area	-40 ... +70 °C
• during storage	-40 ... +70 °C
protection class IP	IP20
design, dimensions and weights	
width	138 mm
height	31 mm
depth	62 mm
net weight	125 g
mounting type	4 x M4 screws with countersunk head
product features, product functions, product components / general	
display version	3 LEDs
operator element version	16-pin connector WR-MPC4 for 5 DI (24 V), 5 DO (max. 250 mA), CAN bus, VCC 24V DC
standards, specifications, approvals	
certificate of suitability	EU conformity according to RED, RoHS, FCC, Canada ICES-003, motor vehicle registration E1 (ECE test symbol), railway approval: EN 50121, EN 50155, EN 45545
accessories	
accessories	WR-MPC4 16-pin plug with crimp contacts, antenna cable, antennas, 2 A fuse
further information / internet-Links	
Internet-Link	
• to website: Industrial communication	http://www.siemens.com/simatic-rtls
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
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