

Product-type designation	RF310M mobile hand-held terminal
	SIMATIC RF300 MOBILE READER RF310M; RF300 AND ISO15693; BASIC DEVICE PSION WA PRO 3C; WITH INTEGR. RFID-WRITE-/READ- UNIT AND USER SOFTWARE; OPERATING SYSTEM WIN CE V5.0 WITHOUT RECHARGEABLE BATTERY
Suitability for installation	RF300 and MOBY D transponders
Wireless frequencies	
Operating frequency	
• rated value	13.56 MHz
Equivalent isotropic radiated power / in accordance with FCC	
Electrical data	
Range / maximum	80 mm
Protocol / for radio transmission	RF300-specific, ISO 15693, ISO 18000-3
Transfer rate / with radio transmission / maximum	106 kbit/s
Product property / multitag-capable	No
Supply voltage, current consumption, power loss	
Type of current supply	Battery operation or mains operation via docking station
Type of battery	Lithium ion battery, fast charging capability
Type of battery / as back-up battery / integrated	Lithium ion battery, permanently installed, cannot be replaced by customer
Battery capacity	3 A·h
Operating period / with standard battery / typical	8 h
Permitted ambient conditions	
Ambient temperature	
• during operating	-20 ... +50 °C

• during storage	-40 ... +60 °C
Protection class IP	IP54
Height of fall / maximum	1.5 m
Design, dimensions and weight	
Width	92 mm
Height	265 mm
Depth	42 mm
Net weight	0.6 kg
Product properties, functions, components / general	
Design of the display	VGA color touch screen 3.6", 480 x 640 pixels
Design of the control elements	Alphanumeric
Design of acoustic signaling element	Speakers
Design of the interface	Tether port with RS232 and USB 1.1, docking connection with low insertion force (LIF)
Memory capacity	
• of the RAM work memory	256 Mibyte
• of data and program memory	1000 Mibyte
• of the data memory / can be used/available	900 Mibyte
Product functions / management, configuration	
Operating system / pre-installed	Windows Embedded CE 5.0
Product function / of the software	RF310M.exe for execution of RF300 and ISO15693 (RF200, MOBY D) transponders
Standards, specifications, approvals	
Verification of suitability	EMC: EN 55022, safety RF EFT: IEC 801-2, IEC 801-3, IEC 801-4, FCC ID NXW-RF310M01
MTBF	55 a
letzte Änderung:	Jul 3, 2014