

Product-type designation	
 The image shows a black, rectangular Siemens SIMATIC RF340R reader. It has a blue Siemens logo at the top, followed by the text 'SIMATIC RF340R'. Below that, it displays the part number '6GT2801-2AA10', the serial number 'SN 123456789.0', and the version 'AS A'. The device has a threaded mounting base and a small circular port on the side.	
RF340R reader	
SIMATIC RF300 READER RF340R (RF300+ISO15693) WITH RS422-INTERFACE (3964R) IP 67, -25 UP TO +70 DGR/C, 75 X 75 X 41 MM WITH INTEGRATED ANTENNA	
Wireless frequencies	
Operating frequency / rated value	13.56 MHz
Electrical data	
Range / maximum	140 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
Transmission rate / at point-to-point connection / serial / maximum	115.2 kbit/s
Transmission time / for user data	
• for write access / per byte / typical	0.13 ms
• for read access / per byte / typical	0.13 ms
Interfaces	
Design of the electrical connection	M12, 8-pin
Standard for interfaces / for communication	RS422
Mechanical data	
Material	PA 12
Color	Anthracite
Mounting distance / for metal surfaces / recommended / minimum	0 mm
Supply voltage, current consumption, power loss	

Supply voltage / for DC	
• rated value	24 V
• minimum	20.4 V
• maximum	28.8 V
Consumed current / At 24 V / with DC	
• typical	0.1 A
Permitted ambient conditions	
Ambient temperature	
• during operating	-25 ... +70 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Protection class IP	IP67
Resistance against shock	EN 60721-3-7, Class 7 M2
Resistance against shock	500 m/s ²
Resistance against vibration	200 m/s ²
Design, dimensions and weight	
Width	75 mm
Height	41 mm
Depth	75 mm
Net weight	0.25 kg
Mounting type	2 x M5 screws
Cable length	
• for RS 422 interface / maximum	1000 m
Product properties, functions, components / general	
Type of display	3-color LED
Product feature / silicon-free	Yes
Standards, specifications, approvals	
Verification of suitability	Radio in accordance with R&TTE guidelines EN 300 330, EN 301489, CE, FCC, UL/CSA, Ex: II 3G Ex nA nC IIB T5, II 3D Ex tD A22 IP6x T80°C
MTBF	140 a
letzte Änderung:	Aug 4, 2014