

Product-type designation	
	
RF350R reader SIMATIC RF300 READER RF350R (RF300+ISO) WITH RS422-INTERFACE (3964R) WITHOUT ANTENNA IP 65, -25 UP TO +70 DGR/C, 75 X 75 X 41 MM, OPERATION WITH: MOBY E ANT 1, 12, 18, 30	
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	
Number of external antennas	1
Design of the electrical connection / for external antenna(s)	M8, 4-pin
Standard for interfaces / for communication	RS422
• for communications interface	M12, 8-pin
Mechanical data	
Material	PA 12
Color	Anthracite

Supply voltage, current consumption, power loss	
Supply voltage	
• for DC / rated value	24 V
• for DC	20.4 ... 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	IP65
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	
• of antenna cable	
• fixed value	3 m
• 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
Accessories	
Accessories	Various antennas are available
letzte Änderung:	Aug 4, 2014