SIEMENS

Product-type designation	SLG U92 FCC reader
	MOBY U WRITE/READ UNIT SLG U92 WITH RS 422, INTEGRATED ANTENNA, FOR USA, EUROPE; IP 65, -25 TO +70 DEGR./C, 290 X 135 X 42 MM, MAX. DISTANCE: 3 M, FILE HANDLER AND DIRECT WRITE/READ FUNCT., MULTI-IDENT. CAPABILITY: UP TO 12 MDS, WITH FCC CERTIFICATION
Suitability for installation	MOBY U, for connecting to communication modules

Wireless frequencies

Operating frequency	2400 … 2483.5 MHz

Electrical data

Range / maximum	3 m
Protocol / for radio transmission	ISO 18000-4
Transfer rate / with radio transmission / maximum	384 kbit/s
Product property / multitag-capable	Yes
Polarization	Circular
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	0.21 ms

Interfaces

Design of the electrical connection	6-pin connector compliant with EN 175201-804
Standard for interfaces / for communication	RS422
Design of electrical connection / at the digital inputs/outputs	11-pin connector compliant with EN 175201-804
Number of digital inputs	2
Number of digital outputs	0

Mechanical data

Material	PA 12 GF 25
Color	Anthracite
Tightening torque / of screw for mounting the equipment / maximum	2 N·m
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 V
• maximum	30 V
Consumed current / At 24 V / with DC	
• typical	0.3 A
• maximum	0.3 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 M3
Resistance against shock	300 m/s²
Resistance against vibration	15 m/s²

Design, dimensions and weight	
Width	135 mm
Height	42 mm
Depth	290 mm
Net weight	0.9 kg
Mounting type	4 x M6 screws
Cable length	
• for RS 422 interface / maximum	1000 m

Product properties, functions, components / general	
Type of display	2 LEDs
Product feature / silicon-free	Yes

Standards, specifications, approvals	
Verification of suitability	RF: EN 300440-2, SAR: EN 50371, safety: EN 60950-1, EMC: EN 301489-01, EN 301489-03, ENV 50204, FCC Part 15C (USA), cULus, safe for heart pacemakers
MTBF	68 a
letzte Änderung:	Aug 4, 2014