

Product type designation

SLG U92 FCC reader

MOBY U WRITE/READ UNIT SLG U92 WITH RS 232, 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 operation	MOBY U, for connecting to PC systems
Wireless frequencies	
Operating frequency	2400 ... 2483.5 MHz
Equivalent isotropically radiated power	
• minimum	0.7 mW
• maximum	0.7 mW
Electrical data	
Range / maximum	3 m; Range adjustable in reader in steps of 0.5 m
Protocol / with radio transmission	ISO 18000-4
Transfer rate / with radio transmission / maximum	384 kbit/s
Product feature / multitag-capable	Yes
Polarization	circular
Transfer rate / at the 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	
Standard for interfaces / for communication	RS232
Type of electrical connection	6-pin connector compliant with EN 175201-804
<ul style="list-style-type: none"> 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 the screw for securing the equipment / maximum	2 N·m
Mounting distance / relating to metal surfaces / recommended / minimum	0 mm

Supply voltage, current consumption, power loss	
Supply voltage	
<ul style="list-style-type: none"> at DC / Rated value 	24 V
<ul style="list-style-type: none"> at DC 	20 ... 30 V
Consumed current / at DC / at 24 V	
<ul style="list-style-type: none"> typical 	0.3 A
<ul style="list-style-type: none"> maximum 	0.3 A

Permitted ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> during operation 	-25 ... +70 °C
<ul style="list-style-type: none"> during storage 	-40 ... +85 °C
<ul style="list-style-type: none"> during transport 	-40 ... +85 °C
Protection class IP	IP65
Shock resistance	EN 60721-3-7, Class 7 M3
Shock acceleration	300 m/s ²
Vibrational acceleration	15 m/s ²

Design, dimensions and weight	
Width	135 mm
Height	42 mm
Depth	290 mm
Net weight	0.9 kg
Mounting type	4 x M6 screws
Wire length	
<ul style="list-style-type: none"> with RS 232 interface / maximum 	30 m

Product properties, functions, components / general	
Display version	2 LEDs
Product feature / silicon-free	Yes

Standards, specifications, approvals

Certificate 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 y

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none">• to website: Selector SIMATIC NET SELECTION TOOL• to website: Industrial communication• to website: Industry Mall• to website: Information and Download Center• to website: Image database• to website: CAx Download Manager• to website: Industry Online Support	<ul style="list-style-type: none">https://support.industry.siemens.com/cs/ww/en/view/67384964http://www.siemens.com/ident/rfidhttps://mall.industry.siemens.comhttp://www.siemens.com/industry/infocenterhttp://automation.siemens.com/bilddbhttp://www.siemens.com/caxhttps://support.industry.siemens.com
last modified:	07/03/2017