

### Product type designation

### SLG D10 reader

MOBY D READ/WRITE UNIT SLG D10 BASIC UNIT WITHOUT ANTENNA WITH SERIAL INTERFACE RS 232 FOR STANDARD PC;



Suitability for operation	ISO 15693 Transponder (MDS Dxxx), for connecting to PC systems
<b>Wireless frequencies</b>	
Operating frequency / Rated value	13.56 MHz
<b>Electrical data</b>	
Range / maximum	650 mm; Range adjustable in reader via transmission power, range is dependent on transponder type: observe <a href="http://support.automation.siemens.com/WW/view/en/67384964">http://support.automation.siemens.com/WW/view/en/67384964</a>
Protocol / with radio transmission	ISO 15693, ISO 18000-3
Transfer rate / with radio transmission / maximum	26.5 kbit/s
Product feature / multitag-capable	Yes
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	2.5 ms
• for read access / per byte / typical	2.5 ms
<b>Interfaces</b>	
Number of external antennas	1

Standard for interfaces / for communication	RS232
Type of electrical connection	
<ul style="list-style-type: none"> <li>• for external antenna(s)</li> <li>• for supply voltage</li> <li>• for communications interface</li> </ul>	TNC M12, 4-pin, female connector Sub-D, 9-pin, male

### Mechanical data

Material	aluminum
Color	anthracite
Mounting distance / relating to metal surfaces / recommended / minimum	0 mm

### Supply voltage, current consumption, power loss

Supply voltage	
<ul style="list-style-type: none"> <li>• at DC / Rated value</li> <li>• at DC</li> </ul>	24 V 22.8 ... 25.2 V
Consumed current / at DC / at 24 V	
<ul style="list-style-type: none"> <li>• typical</li> <li>• maximum</li> </ul>	1.4 A 2.8 A

### Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> </ul>	-20 ... +55 °C -25 ... +70 °C -25 ... +70 °C
Protection class IP	IP65
Shock resistance	EN 60721-3-7 Class 7 M2
Shock acceleration	300 m/s <sup>2</sup>
Vibrational acceleration	15 m/s <sup>2</sup>

### Design, dimensions and weight

Width	145 mm
Height	100 mm
Depth	320 mm
Net weight	3.5 kg
Mounting type	4 x M6 screws
Wire length	
<ul style="list-style-type: none"> <li>• of antenna cable / minimum</li> <li>• of antenna cable / maximum</li> <li>• with RS 232 interface / maximum</li> </ul>	3.3 m 25 m 30 m

### Product properties, functions, components / general

Display version	-
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### Standards, specifications, approvals

Certificate of suitability	CE, FCC, IC (Canada), UL 60950, safe for cardiac pacemakers
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### Accessories

accessories

Various antennas are available, antenna combiners, antenna multiplexer

### Further Information / Internet Links

#### Internet-Link

- 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

<https://support.industry.siemens.com/cs/ww/en/view/67384964>

<http://www.siemens.com/ident/rfid>

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

**last modified:**

07/03/2017