

### Product type designation

### SLG D11 reader

MOBY D READ/WRITE UNIT SLG D11 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	380 mm; 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	38.4 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>	<p>TNC</p> <p>M12, 4-pin, female connector</p> <p>Sub-D, 9-pin, male</p>

### Mechanical data

Material	PA 12
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"> <li>• at DC / Rated value</li> <li>• at DC</li> </ul>	<p>24 V</p> <p>20 ... 30 V</p>
Consumed current / at DC / at 24 V	
<ul style="list-style-type: none"> <li>• typical</li> <li>• maximum</li> </ul>	<p>0.2 A</p> <p>0.6 A</p>

### Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> </ul>	<p>-25 ... +55 °C</p> <p>-25 ... +70 °C</p> <p>-25 ... +70 °C</p>
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	80 mm
Height	40 mm
Depth	160 mm
Net weight	0.26 kg
Mounting type	2 x M5 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>	<p>3.3 m</p> <p>10.5 m</p> <p>30 m</p>

### 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
MTBF	23 y

## Accessories

accessories	Various antennas are available
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## Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> <li>• to website: Industrial communication</li> <li>• to website: Industry Mall</li> <li>• to website: Information and Download Center</li> <li>• to website: Image database</li> <li>• to website: CAx Download Manager</li> <li>• to website: Industry Online Support</li> </ul>	<p><a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a></p> <p><a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a></p> <p><a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a></p> <p><a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a></p> <p><a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a></p> <p><a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a></p> <p><a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a></p>

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