

### Product type designation

### SLG D12S reader

MOBY D READ/WRITE UNIT SLG D 12S WITH SERIAL INTERFACE RS 422 FOR CONNECTING TO ASM 452/ 473/ 475, WITH INTEGRATED ANTENNA. READ/WRITE DISTANCE UP TO MAX. 150 MM (DEPENDING ON LABEL)



### Suitability for operation

ISO 15693 Transponder (MDS Dxxx), for connecting to communication modules

### Wireless frequencies

#### Operating frequency / Rated value

13.56 MHz

### Electrical data

#### Range / maximum

220 mm; Range is dependent on transponder type: observe <http://support.automation.siemens.com/WW/view/en/67384964>

#### Protocol / with radio transmission

ISO 15693, ISO 18000-3

#### Transfer rate / with radio transmission / maximum

26.5 kbit/s

#### Product feature / multitag-capable

No

#### Transfer rate / at the point-to-point connection / serial / maximum

19.2 kbit/s

#### Transmission time / for user data

- for write access / per byte / typical
- for read access / per byte / typical

2.5 ms

2.5 ms

### Interfaces

#### Standard for interfaces / for communication

RS422

#### Type of electrical connection

Data: Sub-D, 9-pin, male, voltage: M12, 4-pin, female connector

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>	24 V 20 ... 30 V
Consumed current / at DC / at 24 V	
<ul style="list-style-type: none"> <li>• typical</li> <li>• maximum</li> </ul>	0.15 A 0.6 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>	-25 ... +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	80 mm
Height	40 mm
Depth	160 mm
Net weight	0.23 kg
Mounting type	2 x M5 screws
Wire length	
<ul style="list-style-type: none"> <li>• for RS 422 interface / maximum</li> </ul>	300 m

Product properties, functions, components / general	
Display version	-

Standards, specifications, approvals	
Certificate of suitability	CE, FCC, IC (Canada), UL 60950, safe for cardiac pacemakers
MTBF	23 y

Further Information / Internet Links	
Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>

- 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

<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>

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