

### 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

### Wireless frequencies

#### Operating frequency / Rated value

13.56 MHz

### Electrical data

#### Range / maximum

380 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

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
- for read access / per byte / typical

2.5 ms

2.5 ms

### Interfaces

#### 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<br>M12, 4-pin, female connector<br>Sub-D, 9-pin, male |
| <b>Mechanical data</b>                                                                                                                                          |                                                           |
| 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                                                      |
| <b>Supply voltage, current consumption, power loss</b>                                                                                                          |                                                           |
| Supply voltage                                                                                                                                                  |                                                           |
| <ul style="list-style-type: none"> <li>• at DC / Rated value</li> <li>• at DC</li> </ul>                                                                        | 24 V<br>20 ... 30 V                                       |
| Consumed current / at DC / at 24 V                                                                                                                              |                                                           |
| <ul style="list-style-type: none"> <li>• typical</li> <li>• maximum</li> </ul>                                                                                  | 0.2 A<br>0.6 A                                            |
| <b>Permitted ambient conditions</b>                                                                                                                             |                                                           |
| Ambient temperature                                                                                                                                             |                                                           |
| <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> </ul>                                      | -25 ... +55 °C<br>-25 ... +70 °C<br>-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>                                       |
| <b>Design, dimensions and weight</b>                                                                                                                            |                                                           |
| 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> | 3.3 m<br>10.5 m<br>30 m                                   |
| <b>Product properties, functions, components / general</b>                                                                                                      |                                                           |
| Display version                                                                                                                                                 | -                                                         |
| <b>Standards, specifications, approvals</b>                                                                                                                     |                                                           |

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| Certificate of suitability | CE, FCC, IC (Canada), UL 60950, safe for cardiac pacemakers |
| MTBF                       | 23 y                                                        |

## Accessories

|             |                                |
|-------------|--------------------------------|
| accessories | Various antennas are available |
|-------------|--------------------------------|

## 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> | <a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a><br><br><a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a><br><a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a><br><a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a><br><a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a><br><a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a><br><a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a> |

|                       |            |
|-----------------------|------------|
| <b>last modified:</b> | 11.03.2016 |
|-----------------------|------------|