

| Product-type designation                                                          |  | SLG D12 reader                                                                                                                                                   |
|-----------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | MOBY D WRITE/READ UNIT SLG D 12 WITH SERIAL INTERFACE RS232 FOR STANDARD PC WITH INTEGRATED ANTENNA, READ/ WRITE DISTANCE UP TO MAX. 150 MM (DEPENDING ON LABEL) |
| Wireless frequencies                                                              |  |                                                                                                                                                                  |
| Operating frequency / rated value                                                 |  | 13.56 MHz                                                                                                                                                        |
| Electrical data                                                                   |  |                                                                                                                                                                  |
| Range / maximum                                                                   |  | 220 mm                                                                                                                                                           |
| Protocol / for radio transmission                                                 |  | ISO 15693, ISO 18000-3                                                                                                                                           |
| Transfer rate / with radio transmission / maximum                                 |  | 26.5 kbit/s                                                                                                                                                      |
| Product property / multitag-capable                                               |  | Yes                                                                                                                                                              |
| Transmission rate / at 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                                                                                                                                                           |
| Interfaces                                                                        |  |                                                                                                                                                                  |
| Design of the electrical connection                                               |  | Data: Sub-D, 9-pin, male, voltage: M12, 4-pin, female connector                                                                                                  |
| Standard for interfaces / for communication                                       |  | RS232                                                                                                                                                            |
| Mechanical data                                                                   |  |                                                                                                                                                                  |
| Material                                                                          |  | PA 12                                                                                                                                                            |
| Color                                                                             |  | Anthracite                                                                                                                                                       |
| Tightening torque / of screw for mounting the equipment / maximum                 |  | 2 N·m                                                                                                                                                            |
| Mounting distance / for metal surfaces / recommended / minimum                    |  | 0 mm                                                                                                                                                             |

## Supply voltage, current consumption, power loss

### Supply voltage / for DC

- rated value 24 V
- minimum 20 V
- maximum 30 V

### Consumed current / At 24 V / with DC

- typical 0.15 A
- maximum 0.6 A

## Permitted ambient conditions

### Ambient temperature

- during operating -25 ... +55 °C
- during storage -25 ... +70 °C
- during transport -25 ... +70 °C

### Protection class IP

IP65

### Resistance against shock

EN 60721-3-7 Class 7 M2

### Resistance against shock

300 m/s<sup>2</sup>

### Resistance against vibration

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

### Cable length

- with RS 232 interface / maximum 30 m

## Product properties, functions, components / general

### Type of display

-

## Standards, specifications, approvals

### Verification of suitability

CE, FCC, IC (Canada), UL 60950, safe for cardiac pacemakers

### MTBF

23 a

### letzte Änderung:

Aug 4, 2014