

## Technical data sheet

### Base station

Part no.: 50114492

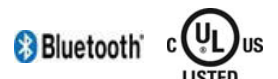
Base f. IT 1902

#### Contents

- Technical data
- Electrical connection
- Operation and display
- Accessories



Figure can vary



## Technical data

### Basic data

Suitable for	IT 1902g series mobile 2D-code readers
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### Electrical data

#### Performance data

Supply voltage $U_B$	4.75 ... 5.25 V, DC
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### Interface

Type	PS/2
	RS 232
	USB

### Connection

Number of connections	3 Piece(s)
Bluetooth range	Class 2
Bluetooth version	2.1

#### Connection 1

Function	Configuration interface
	Data interface
	Voltage supply

Type of connection	RJ41
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#### Connection 2

Function	Configuration interface
	Data interface
	Voltage supply

Type of connection	Jack socket
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#### Connection 3

Type of connection	Bluetooth
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### Mechanical data

Dimension (W x H x L)	100 mm x 84 mm x 132 mm
Plastic housing	UL 94-V0
Net weight	200 g

### Operation and display

Type of display	LED
Operational controls	Button(s)
Function of the operational control	Paging

### Environmental data

Ambient temperature, operation	0 ... 50 °C
Ambient temperature, storage	-40 ... 60 °C

### Certifications

Certifications	c UL US
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### Classification

Customs tariff number	85176200
eCl@ss 5.1.4	27289200
eCl@ss 8.0	27289290
eCl@ss 9.0	27289290
eCl@ss 10.0	27280192
eCl@ss 11.0	27280192
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015

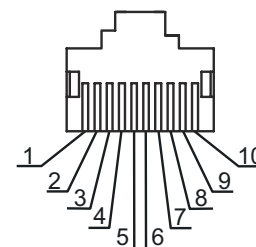
## Electrical connection

### Connection 1

Function	Configuration interface
	Data interface
	Voltage supply
Type of connection	RJ41

### Pin Pin assignment

1	Shield
2	Cable ID
3	GND
4	TxD RS 232 / n.c. USB
5	RxD RS 232 / n.c. USB
6	CTS RS 232 / n.c. USB
7	+5 V DC
8	RTS RS 232 / n.c. USB
9	n.c. RS 232 / Data + USB
10	n.c. RS 232 / Data - USB



## Electrical connection

### Connection 2

Function	Configuration interface
	Data interface
	Voltage supply
Type of connection	Jack socket
Diameter	5.4
No. of pins	2 -pin

### Connection 3


Function	Configuration interface
	Data interface
	Bluetooth
Type of connection	Bluetooth

## Operation and display


LED	Display	Meaning
1	Red, 1x flashing	Data transmission active
	Red, continuous light	Operational readiness
2	Green, flashing	Charging active
	Green, continuous light	Battery charged

## Accessories

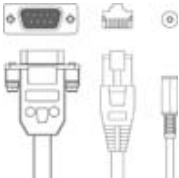
### Connection technology - Connection unit

	Part no.	Designation	Article	Description
	50112891	MA 248i Profinet Gateway	Modular connection unit	Supply voltage: 18 ... 30 V Current consumption, max.: 300 mA Interface: PROFINET, RS 232 Connections: 6 Piece(s) Degree of protection: IP 65


### Connection technology - Connection cables

	Part no.	Designation	Article	Description
	50113397	KB JST-HS-300	Connection cable	Suitable for interface: RS 232 Connection 1: JST ZHR Connection 2: Sub-D, Axial, Male, 9 -pin Shielded: Yes Cable length: 300 mm Sheathing material: PUR

### Power supply units

	Part no.	Designation	Article	Description
	50114517	KB 232-1 IT190x	Interconnection cable	Suitable for interface: RS 232, TTL Connection 1: Sub-D, Axial, Female, 9 -pin Connection 2: RJ41 Connection 3: Connector, Pluggable, Axial, Female, 2 -pin Shielded: Yes Cable length: 3,000 mm Sheathing material: PVC

## Accessories

	Part no.	Designation	Article	Description
	50114525	NT f. IT 1900+Base-EU	Power supply unit	Type of power supply unit: Plug-in power supply unit Output: 5 V DC, 1 A Input: 110..240 V AC, 50..60 Hz

### Note



A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.