

Technical data sheet

Base station

Part no.: 50144935

Base IT 1991i

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Figure can vary



Technical data

Basic data

Suitable for	IT 1991i series mobile 2D-code readers
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Electrical data

Performance data

Supply voltage U_B	4.5 ... 5.5 V, DC
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Interface

Type	PS/2
	RS 232
	USB

Connection

Number of connections	3 Piece(s)
Bluetooth range	Class 1
Bluetooth version	4.2

Connection 1

Function	Configuration interface
	Data interface
	Voltage supply

Type of connection	RJ41
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Connection 2

Function	Voltage supply
Type of connection	Jack socket

Connection 3

Type of connection	Bluetooth
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Mechanical data

Dimension (W x H x L)	102 mm x 60 mm x 245 mm
Plastic housing	UL 94-V0
Net weight	290 g

Operation and display

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

Environmental data

Ambient temperature, operation	-20 ... 50 °C
Ambient temperature, storage	-40 ... 60 °C
Drop height	1.2 m
Measurements relative to	Concrete floor

Certifications

Degree of protection	IP 51
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Classification

Customs tariff number	84719000
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	EC002997
ETIM 6.0	EC002997
ETIM 7.0	EC003015

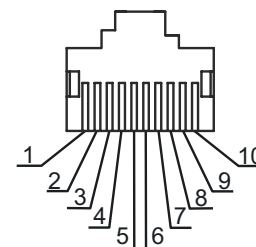
Electrical connection

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	Voltage supply
Type of connection	Jack socket
Diameter	5.4
No. of pins	2 -pin


Connection 3

Function	Configuration interface Data interface
Type of connection	Bluetooth

Operation and display


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

Notes


⚠ Observe intended use!	
	<ul style="list-style-type: none"> ⌘ This product is not a safety sensor and is not intended as personnel protection. ⌘ The product may only be put into operation by competent persons. ⌘ Only use the product in accordance with its intended use.

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

Accessories

Connection technology - Interconnection cables

	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

Power supply units

	Part no.	Designation	Article	Description
	50123862	NT Base IT1911-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.