

Technical data sheet

Base station

Part no.: 50115738

Access Point f. IT

Contents

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



For illustration purposes only



Technical data

Basic data

Type	Base station
Suitable for	IT 1902g series mobile 2D-code readers
	IT 1911i series mobile 2D-code readers
	IT 1981i series mobile 2D-code readers

Electrical data

Performance data	
Supply voltage U_B	4.75 ... 5.25 V, DC

Interface

Type	RS 232
	USB

Connection

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

Connection 1	
Function	Configuration interface
	Data interface
	Voltage supply
Type of connection	RJ41

Connection 2	
Function	Configuration interface
	Data interface
Type of connection	Bluetooth

Mechanical data

Dimension (W x H x L)	71 mm x 28 mm x 110 mm
Plastic housing	UL 94-V0
Net weight	67 g

Environmental data

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

Certifications

Approvals	c UL US
-----------	---------

Classification

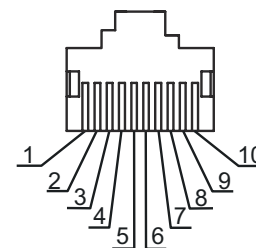
Customs tariff number	85176200
ECLASS 5.1.4	27289200
ECLASS 8.0	27289290
ECLASS 9.0	27289290
ECLASS 10.0	27280192
ECLASS 11.0	27280192
ECLASS 12.0	27280105
ECLASS 13.0	27280105
ECLASS 14.0	27280105
ECLASS 15.0	27280105
ECLASS 16.0	27280105
ETIM 5.0	EC002498
ETIM 6.0	EC003015
ETIM 7.0	EC003015
ETIM 8.0	EC003015
ETIM 9.0	EC003015
ETIM 10.0	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
Type of connection	Bluetooth

Operation and display

LED	Display	Meaning
1	Blue, flashing	Establishing a connection
	Blue, continuous light	Operational readiness
	Blue, 1x flashing	Data transmission active

Accessories

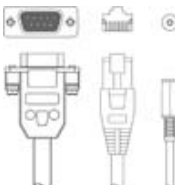
Connection technology - Connection unit

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

Connection technology - Interconnection cables

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

Connection technology - Y distribution cables

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

Note



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