

Technical data sheet

Base station

Part no.: 50115738

Access Point f. IT

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- Technical data
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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 |
| UNSPSC 26.08 | 43211701 |

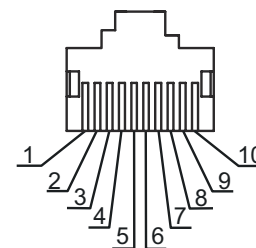
Electrical connection

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

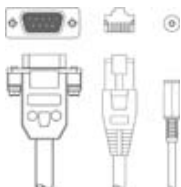
Connection technology - Connection unit

| | 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.