



Part no.: 50141806
IT 1400g PDF-2-USB-KIT
Mobile bar code reader



Figure can vary

Contents

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

Technical data

Basic data	
Series	IT14xx
Contains	1x KB USB-1 IT190x interconnection cable
Read data	
Code types, readable	2/5 Interleaved Codabar Codablock Code 128 Code 39 Code 93 EAN 128 EAN 8/13 EAN Addendum GS1 Databar GS1 Databar Expanded GS1 Databar Limited GS1 Databar Omnidirectional GS1 Databar Stacked GS1 Databar Truncated UPC
Optical data	
Reading distance	37 ... 370 mm
Light source	LED
LED group	1
Camera resolution, horizontal	640 px
Camera resolution, vertical	480 px
Bar code contrast (PCS)	35 %
Modulus size	0.127 ... 0.508 mm
Electrical data	
Performance data	
Supply voltage U_B	4 ... 5.5 V , DC
Power consumption, max.	2 W
Interface	
Type	RS 232 , USB
RS 232	
Function	Process
USB	
Function	Process
Connection	
Connection 1	
Type of connection	RJ41
Mechanical data	
Dimension (W x H x L)	66 mm x 43 mm x 180 mm
Housing material	Plastic , UL 94-V0
Net weight	119 g
Environmental data	

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Ambient temperature, operation	0 ... 40 °C
Ambient temperature, storage	-40 ... 60 °C
Relative humidity (non-condensing)	0 ... 95 %
Drop height	1.5 m
Measurements relative to	Concrete floor

Certifications

Degree of protection	IP 42
Certifications	c UL US

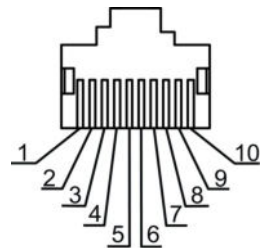
Classification

Customs tariff number	84719000
eCl@ss 8.0	27280101
eCl@ss 9.0	27280101
ETIM 5.0	EC002550
ETIM 6.0	EC002550

Electrical connection

Connection 1	
Type of connection	RJ41
Function	Configuration interface Data interface Service interface

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




Operation and display

LEDs


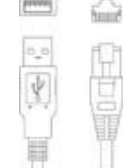
LED	Display	Meaning
1	Green, 1x flashing	Reading successful
	Red	No reading result

Accessories

Connection technology - Connection unit

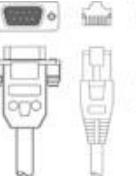
	Part no.	Designation	Article	Description
	50114157	MA 258i EtherNet/ IP Gateway	Modular connection unit	Supply voltage: 18 ... 30 V Current consumption, max.: 300 mA Interface: EtherNet IP, RS 232 Connections: 6 Piece(s) Degree of protection: IP 65

Connection technology - Interconnection 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
	50114521 **	KB USB-1 IT190x	Interconnection cable	Suitable for interface: USB Connection 1: USB Connection 2: RJ41 Shielded: Yes Cable length: 3,000 mm Sheathing material: PVC

** Included in delivery contents

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: 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

Note

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