



Part no.: 50031256
MA 2
Connection unit



Figure can vary

Contents

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

Part no.: 50031256 – MA 2 – Connection unit

Technical data

Basic data	
Series	MA 2
Suitable for	BCL 2x series bar code readers LSIS 222 series stationary 2D-code readers
Interface	
Type	RS 232 , RS 485
Connection	
Number of connections	3 Piece(s)
Connection 1	
Type of connection	Terminal
Function	Data interface PWR / SW IN/OUT
No. of pins	24 -pin
Connection 3	
Type of connection	Sub-D
Function	Service interface
Mechanical data	
Dimension (W x H x L)	119 mm x 33 mm x 180 mm
Housing material	Metal
Net weight	575 g
Environmental data	
Ambient temperature, operation	-10 ... 50 °C
Ambient temperature, storage	-20 ... 60 °C
Relative humidity (non-condensing)	0 ... 90 %
Certifications	
Degree of protection	IP 54
Classification	
Customs tariff number	84733080
eCl@ss 8.0	27069190
eCl@ss 9.0	27069190
ETIM 5.0	EC001578
ETIM 6.0	EC001578

Electrical connection

Connection 1	
Type of connection	Terminal
Function	Data interface PWR / SW IN/OUT
Type of terminal	
Cable gland	PG11

Part no.: 50031256 – MA 2 – Connection unit

Connection 1	
No. of pins	24 -pin

Connection 3	
Type of connection	Sub-D
Function	Service interface
No. of pins	9 -pin
Type	Male

Pin	Pin assignment
1	n.c.
2	RxD_Serv
3	TxD_Serv
4	n.c.
5	GNDIN
6	n.c.
7	RS 232 RTS
8	RS 232 CTS
9	n.c.

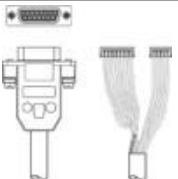
Operation and display

LEDs

LED	Display	Meaning
1	Green	Switching output/switching state

Accessories

Connection technology - Interconnection cables

	Part no.	Designation	Article	Description
	50035355	KB 031-3000	Interconnection cable	Suitable for interface: RS 232, RS 485 Connection 1: Sub-D, Axial, Female, 15 -pin Connection 2: JST ZHR Shielded: Yes Cable length: 3,000 mm

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