



Part no.: 50040499
RFM 62 SL 200
RFID read/write device



Figure can vary



Contents

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

Technical data

Basic data	
Series	RFM
Working frequency	13.56 MHz
Functions	
Functions	LED indicator Configurable operating modes I/O Reading gate control
Read data	
Reading/writing range, max.	400 mm
Transponder, readable	Infineon MyD ICodeSLI TagIT HFI
Electrical data	
Performance data	
Supply voltage U _B	12 ... 30 V, DC
Power consumption, max.	2 W
Memory access	Read/Write
Transmission speed	4,000 Bd
Inputs	
Number of digital switching inputs	1 Piece(s)
Outputs	
Number of digital switching outputs	1 Piece(s)
Interface	
Type	RS 232
RS 232	
Function	Process
Connection	
Number of connections	1 Piece(s)
Connection 1	
Type of connection	Cable with socket connectors (10+6)
Function	Signal OUT Voltage supply Data interface Signal IN
Cable length	1,000 mm
Mechanical data	
Design	Cubic
Dimension (W x H x L)	298 mm x 34 mm x 298 mm
Housing material	Plastic
Net weight	1,978 g
Housing color	Black
Type of fastening	Through-hole mounting

Environmental data

Ambient temperature, operation	-25 ... 65 °C
Ambient temperature, storage	-40 ... 70 °C
Relative humidity (non-condensing)	5 ... 90 %

Certifications

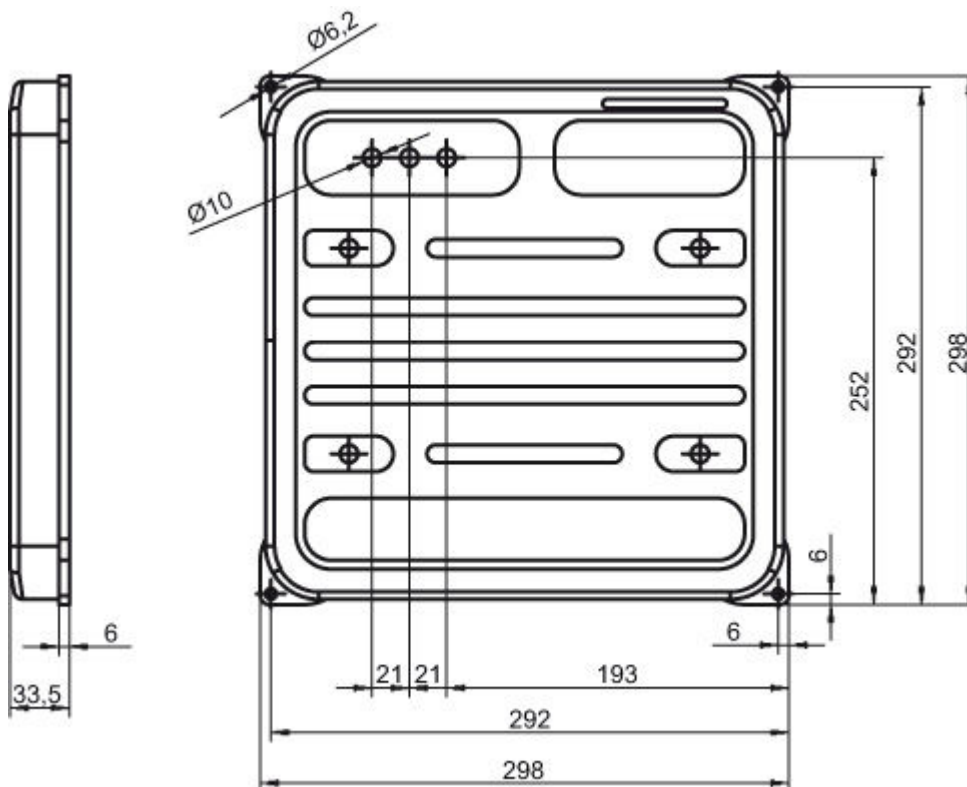
Degree of protection	IP 65
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Classification

eCl@ss 8.0	27280401
eCl@ss 9.0	27280401

Dimensioned drawings

All dimensions in millimeters



Electrical connection

Connection 1	
Type of connection	Cable with socket connectors (10+6)
Function	Signal OUT Voltage supply Data interface Signal IN
Cable length	1,000 mm

Pin	Pin assignment	Conductor color
1	n.c.	White-brown
2	n.c.	White-red
3	n.c.	White-orange
4	n.c.	White-yellow
5	n.c.	White-green
6	SWOUT 1	White-black
7	GND	Brown
8	n.c.	Red
9	n.c.	Orange
10	RxD	Yellow
11	TXD	Green
12	n.c.	Blue
13	SWIN 1	Violet
14	VIN	Gray
15	GNDIN	White
16	Shield	Shield

Operation and display

LEDs


LED	Display	Meaning
1	Yellow, continuous light	Operational readiness
2	Red, continuous light	Reading gate active
3	Green, flashing	Reading successful

Notes







- Under certain circumstances, metal in the reading field reduces the operating range considerably.
- Antenna calibration is to be performed after mounting. The calibration process optimally adapts the device to environment at the installation location and enables the maximum operating range for data transmission. See the operating instructions for further information.

Accessories

Connection technology - Connection unit

	Part no.	Designation	Article	Description
	50031256	MA 2	Connection unit	Interface: RS 232, RS 485 Connections: 3 Piece(s) Degree of protection: IP 54

Part no.: 50040499 – RFM 62 SL 200 – RFID read/write device

	Part no.	Designation	Article	Description
	50112893	MA 204i Profibus Gateway	Modular connection unit	Supply voltage: 18 ... 30 V Current consumption, max.: 300 mA Interface: PROFIBUS DP, RS 232 Connections: 6 Piece(s) Degree of protection: IP 65
	50112892	MA 208i Ethernet Gateway	Modular connection unit	Supply voltage: 18 ... 30 V Current consumption, max.: 300 mA Interface: Ethernet, RS 232 Connections: 6 Piece(s) Degree of protection: IP 65
	50103125	MA 21 100.2	Modular connection unit	Supply voltage: 18 ... 36 V Interface: RS 232, RS 485 Connections: 3 Piece(s) Degree of protection: IP 65
	50114155	MA 238i EtherCAT Gateway	Modular connection unit	Supply voltage: 18 ... 30 V Current consumption, max.: 300 mA Interface: EtherCAT, RS 232 Connections: 6 Piece(s) Degree of protection: IP 65
	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
	50114156	MA 255i DeviceNet Gateway	Modular connection unit	Supply voltage: 18 ... 30 V Current consumption, max.: 300 mA Interface: RS 232, DeviceNet Connections: 6 Piece(s) Degree of protection: IP 67
	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