

RFID Round Antenna ID 200/A-LR, 125 kHz, IP67 - Bosch Rexroth 3842410177

Item no. BRR-3842410177

Manufacturer Bosch Rexroth

Round RFID antenna for reading and writing MDT...L mobile data carriers at 125 kHz. The round design is especially suited to reading data carriers mounted on the underside of workpiece pallets. It operates from and is powered by a communication module.

TECHNICAL DATA

Ausführungsklasse	TEC
HS-Code	84716070
Weight	0.0099 kg



DESCRIPTION

The RFID round antenna ID 200/A-LR reads and writes MDT...L mobile data carriers in the 125 kHz (low frequency) band. It is designed to operate on a communication module, from which it also draws its supply voltage, and supports workpiece pallet identification in assembly and transfer systems.

- Round design for reading data carriers mounted on the underside of workpiece pallets
- Powered directly through the communication module
- Rugged PBT/stainless steel housing with IP67 protection
- Status indication via orange/green LED

TECHNICAL DATA

Transmission frequency	125 kHz
Operating voltage	24 V (from communication module)
Status indicator	LED orange/green
Protection class	IP67
Housing material	PBT/stainless steel
Write/read distance (static)	15 mm
Write/read distance (dynamic)	12 mm (at v = 20 m/min)
Min. distance between two antennas (multiplex)	30 mm

Min. distance between two antennas (simultaneous)	180 mm
Ambient temperature	-25 ... +70 °C
Storage temperature	-40 ... +85 °C
Humidity	max. 96%
Vibration resistance	1 mm (10 ... 55 Hz); 5 g (10 ... 2000 Hz)
Shock and impact resistance	30 g/11 ms, 18 cycles
Mass	0.1 kg