

Mobiler Datenträger MDT 3/2K-H, RFID 13,56 MHz, FRAM - Bosch Rexroth 3842410102

Item no. BRR-3842410102
Manufacturer Bosch Rexroth

Mobile data tag MDT 3/2K-H for identifying workpiece pallets and products in assembly and transfer systems. It operates without a battery in line with ISO 15693 at 13.56 MHz, uses 2000-byte FRAM memory and can be read from several sides, including dynamically on the move. Rugged PA 66 housing with IP68 protection.


ISO 15693

TECHNICAL DATA

Article authenticity	Original product
Condition of article	New
Country of Manufacture	Italy
ESD-Ausführung	TEC
Weight	0.0099 kg
Zolltarifnummer	85235200

DESCRIPTION

The Bosch Rexroth MDT 3/2K-H mobile data tag provides reliable identification of workpiece pallets and products in assembly and transfer systems. It operates without a battery in accordance with ISO 15693 at 13.56 MHz and stores process data directly on the pallet.

- Battery-free operation with non-volatile FRAM memory (2000 byte user memory)
- Readable from several sides, including dynamically as it passes the antenna
- Additional unique 64-bit serial number programmed at the factory
- Rugged PA 66 housing with IP68 protection for industrial use

TECHNICAL DATA

	Property	Value
Transmission frequency		13.56 MHz
Conformity		ISO 15693

Property	Value
Memory type	FRAM
Memory capacity	2000 byte
Data access	8 byte block
Number of write cycles	min. 10 billion
Number of read cycles	unlimited
Transmission distance, static	35 mm
Transmission distance, dynamic	30 mm
Operating ambient temperature	-25 ... +85 °C
Housing material	PA 66
Protection class	IP68
Packaging unit	5
Weight	0.01 kg