

Mobiler Datenträger MDT 2/2K-H, RFID 13,56 MHz, FRAM 2000 Byte - Bosch Rexroth 3842410103

Item no. BRR-3842410103

Manufacturer Bosch Rexroth

The MDT 2/2K-H mobile data tag is a battery-free RFID transponder to ISO 15693 with FRAM memory and 2000 byte user storage. It mounts on the workpiece pallet or directly on the product and can be read from several sides, including dynamically while passing. The encapsulated PA 66 housing achieves protection class IP68.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Italy
Weight	0.0099 kg
Zolltarifnummer	84313900



STANDARDS & COMPLIANCE

ISO 15693

DESCRIPTION

The MDT 2/2K-H mobile data tag from Bosch Rexroth is a passive RFID transponder for the unambiguous identification of workpiece pallets and products in assembly and transfer systems. It operates without a battery to ISO 15693 and stores data permanently in FRAM memory.

- Battery-free, maintenance-free operation
- Read and write from several sides, including dynamically while passing
- 2000 byte user memory plus a unique 64-bit serial number
- Robust, encapsulated housing with protection class IP68

TECHNICAL DATA

Frequency	13.56 MHz
Conformity	ISO 15693
Memory type	FRAM
Memory capacity	2000 byte
Data access	8 byte block

Write cycles	min. 10 billion
Read cycles	unlimited
Transmission distance, static	35 mm
Transmission distance, dynamic	30 mm
Ambient temperature (operation)	-25 ... +85 °C
Housing material	PA 66
Protection class	IP68
Packaging unit	5 pieces