

Mobiler Datenträger MDT 6/2K-H, RFID 13,56 MHz, FRAM - Bosch Rexroth 3842410184

Item no. BRR-3842410184

Manufacturer Bosch Rexroth

Mobile data tag (RFID transponder) to ISO 15693 with battery-free FRAM memory and 2000 byte user memory. Readable from several sides, including dynamically while passing. For reliable identification of workpiece pallets and products in assembly and transfer systems.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Italy
Weight	0.0099 kg
Zolltarifnummer	84716070



STANDARDS & COMPLIANCE

ISO 15693

DESCRIPTION

The MDT 6/2K-H mobile data tag is a passive RFID transponder for automatic identification in assembly and transfer systems. It operates without a battery using FRAM memory to ISO 15693 and is intended for design engineers and system planners who need to identify workpiece pallets or products reliably.

- Battery-free operation with non-volatile FRAM memory
- 2000 byte user memory plus a unique 64-bit serial number
- Readable from several sides, including dynamically while passing
- Rugged PA 66 housing with IP68 protection

TECHNICAL DATA

Transmission frequency	13.56 MHz
Conformity	ISO 15693
Memory capacity	2000 byte
Data access	8 byte block

Memory type	FRAM
Number of write cycles	≥ 10 billion
Number of read cycles	unlimited
Transmission distance - static	35 mm
Transmission distance - dynamic	30 mm
Ambient temperature in operation	-25 ... +85 °C
Housing material	PA 66
Protection class	IP68
Packaging unit	5 pcs