



- EEPROM, memory 110 byte
- TID serial number: 4 byte

Functional principle

The UHF read/write heads form an air interface the size of which may vary, depending on the combination of read/write head and data carrier.

The read/write distances mentioned here only represent standard values measured under laboratory conditions and free from any influences caused by materials.

Attainable distances may vary due to component tolerances, mounting conditions, ambient conditions and material qualities, especially when mounted in metal.

Testing of the application under real operating conditions is therefore essential, especially with read/write on-the-fly!

Type code	TW865-868-R50-B110
Ident no.	7030257
Data transfer	alternating electromagnetic field
Operating frequency	865...868 MHz
Memory type	EEPROM
Chip	NXP U-Code G2XM
Memory	110 byte
Memory	read/write
Freely usable memory	64 byte
EPC memory	30 byte
Number of read operations	unlimited
Number of write operations	10 ⁴
Typical read time	2 ms/byte
Typical write time	3 ms/byte
Radio communication and protocol standards	ISO 18000-6C EPCglobal Gen 2
Minimum distance to metal	10 mm
Ambient temperature	-20...+85 °C
Diameter	50 mm mm
Housing material	plastic, PA
Material active area	Plastic, Black, PA
Protection class	IP69K
Packaged quantity	1