



- For outdoor use
- EEPROM, memory 112 byte
- TID serial number: 6 byte
- Extended usable TID memory: 12 byte
- For direct mounting on metal

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	TW860-960-Q27L97-M-B112
Ident no.	7030464
Data transfer	alternating electromagnetic field
Operating frequency	860...960 MHz
Memory type	EEPROM
Chip	Impinj Monza 4QT
Memory	112 byte
Memory	read/write
Freely usable memory	64 byte
EPC memory	16 byte
Number of read operations	unlimited
Number of write operations	10 ⁵
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	0 mm
Ambient temperature	-40...+80 °C
Housing length	97 mm mm
Housing width	27 mm mm
Housing height	15 mm mm
Housing material	plastic, Polycarbonate/ABS
Material active area	Plastic
Protection class	IP69K
Packaged quantity	1
Special features	For direct mounting on metal and outdoor use