

V421-202-008 Dementia-Transponder as wristwatch
with metal strap and safety clasp



- The transponder is composed of an electronic unit enclosed in a splash-proof plastic housing-.
- The transponder for residents/patients does not contain a button. It is activated as soon as it enters the detection field of a receiver unit.
- The metal wrist strap is specially designed for residents who make attempts to forcibly remove the wrist strap.
- The metal wrist strap is adjustable in length.
- The clasp can be opened only with a special magnetic key.
- Functioning watch, higher acceptance by the person to be protected.
- Can be used in all Martin Elektrotechnik GmbH systems.
- Cut resistant*

Close Safets wrist strap

- Adjust the length of the bracelet to the person.
- Pull the two moving parts of the magnetic metal clasp on both metal bracelet halves as far apart as possible.
- Place the watch transponder on the forearm with the lock facing upwards.
- Close the basic lock.
- Push the movable spring head of the magnetic metal clasp (6 o'clock side of the watch) up to the stop on the basic lock.
- Slide the movable part of the safety lock (12 o'clock side) towards the base lock from the opposite side.
- **Note: Press the movable locking plates in the spring head together with finger and thumb and place the upper part until it is securely engaged from both sides.**



Opening the security wrist strap

- Place magnetic key for metal wrist strap on the flat side of the lock with a light tap.
- Grasp the upper part with finger and thumb, remove by pulling upwards slightly.
- It may happen that the lock is difficult to open. In this case, it helps to let the magnetic key slide slightly back and forth on the closure before pulling off the upper part.



- **Note: Pulling too quickly and too hard on the upper part of the lock prevents the locking plates from moving and thus unlocking.**

Changing the battery

- Loosen the four screws located on the back of the transponder (Torx T3).
- Remove the transponder electronics and replace the battery (type CR 2032).
- Replace the seal if necessary.
- Put the transponder electronics back into the housing. Make sure that the components of the electronics are not damaged or torn off.
- Close the housing again with the screws. The screws must be tightened to a torque of 0.25 Nm in housing version 2.15.

Batteries type CR 2032, capacity 240mAh

If the transponder is permanently in the detection field, the battery will last for approx.80 days**.

If the transponder is never in the detection field, the battery lasts up to 1.2 years**.

Even if the battery low status is reported by our reader-receiver units, it is recommended to check the batteries four times a year, at regular intervals, with a battery tester (RaphaelCheck available on request) for safety reasons.

Cleaning instructions

The transponders as well as the metal wrist straps can be cleaned with commercially available spray disinfection.

Safety notice



For persons or residents with pacemakers, ensure that a safety distance of at least 0.5 m is maintained between the magnetic key and the pacemaker. It is recommended that the

transponder be removed with the arm extended, as the function of pacemakers can be influenced by magnets.

* Cut resistant: resistant to manual force with a standard, simple cutting edge.

** The values stated always assume a quality battery in mint condition. Please do not use no-name or low-cost batteries.