

# ABUS Transponder Advanced green MIFARE DESFire EV3 8K (Security)

Art.-Nr. ACTP00008G

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THE DIGITAL KEY FOR ELECTRONIC LOCKING SYSTEMS & INTRUDER ALARM SYSTEMS.

## Contactless locking medium

The batteryless RFID key fob is the locking medium for ABUS access control systems and other ABUS security systems with MIFARE® DESFire® technology.

## Universal use

The RFID transponder is used as a locking medium for wAppLoxx Pro, wAppLoxx Pro Plus and TECTIQ systems. (Attention: wAppLoxx cylinders of generation 1 do not work with MIFARE® DESFire® EV3.) It also enables operation of ABUS security systems, such as the Secoris intruder alarm system. Thanks to its robust design, the key fob is suitable for indoor and outdoor use (IP64). As a passive transponder, it does not require a battery.

## Secure operating convenience

Thanks to 13.56 MHz RFID technology, these ABUS systems can be operated conveniently, securely readout-protected and contactlessly. The pre-programmed ABUS security application also guarantees maximum protection against copying and tampering based on MIFARE® DESFire® EV3 8K technology.

## Preferred colour variant?

The key fob is available in green, blue, red, black or white.

## Technologies

- Attractive RFID key fob with stainless steel attachment loop (MIFARE® DESFire® EV3 8K)
- Contactless opening of all ABUS WLX Pro and TECTIQ door components (cylinders, fittings, wall readers, etc.)
- Operation of other ABUS security systems, e.g. Secoris intruder alarm system
- Maximum copy and tamper protection with pre-programmed ABUS security application

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- Robust design for long-lasting use on key rings (resists dust, dirt and moisture)
- Simple assignment of transponder to person thanks to serial number on the back
- Passive transponder without battery

## Technical data - ABUS Transponder Advanced green MIFARE DESFire EV3 8K (Security)

|                             |                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------|
| Areas of application        | Locking medium for ABUS access control systems (WLX Pro & TECTIQ)                        |
| Article abbreviation        | T-MIF-DES-ADV-8K-SEC-G                                                                   |
| Colour                      | green                                                                                    |
| Construction type of device | Keyfob                                                                                   |
| Depth                       | 5,5 mm                                                                                   |
| Diameter                    | 36,5 mm                                                                                  |
| Dimensions                  | 36,5 x 45,3 x 5,5 mm                                                                     |
| Frequency                   | 0.01356 GHz                                                                              |
| Height                      | 45,3 mm                                                                                  |
| Material                    | Novodur (body), polished stainless steel (frame)                                         |
| Max. Operating temperature  | 50 °C                                                                                    |
| Min. operating temperature  | -20 °C                                                                                   |
| Net weight                  | 0.0115 kg                                                                                |
| Programming technology      | RFID (13,56 MHz)                                                                         |
| Protection class IP         | 64                                                                                       |
| RFID conformity             | ISO 14443                                                                                |
| RFID frequency              | 13.56 MHz                                                                                |
| RFID technology             | MIFARE® DESFire® EV3                                                                     |
| Reader type                 | MIFARE® DESFire® 8K EV3 (70pf)                                                           |
| Reading distance            | 2 cm                                                                                     |
| Security features           | Copy and read protection with MIFARE® DESFire® + ABUS security application and Random ID |
| Transponder conformity      | Passive transponder ISO 14443 A (MIFARE® DESFire®)                                       |
| Transponder encryption      | AES 128-Bit                                                                              |
| Transponder programming     | Access control software and card reader                                                  |
| WEEE group                  | 09                                                                                       |
| Weight                      | 11,2 g                                                                                   |
| width                       | 36,5 mm                                                                                  |