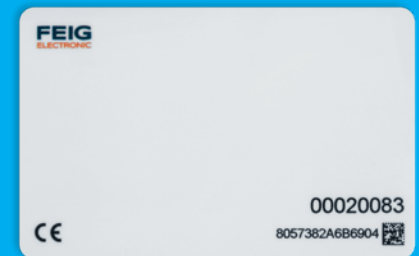


ID CTK-DESFire

## Mifare DESFire SMARTCARD

- High security: Common Criteria Certification EAL4+ based on Mifare DESFire technology
- Standard conformity: ID-1 chipcard format
- High quality: UV and temperature resistance thanks to special protective film
- Unique: 8-digit decimal card number



## myAXXESS

### Make access control easy

Access control systems on buildings and parking areas should be as uncomplicated as possible. myAXXESS is the secure, powerful and economic solution for small and medium-sized projects. Both in a stand-alone systems and integrated into existing access solutions.

As a RFID specialist, FEIG ELECTRONIC offers systems from a single source, consisting of:

- > RFID hardware for short-range solutions (HF)
- > RFID hardware for long-range solutions (UHF)
- > Software myAXXESS Manager for administration of access authorizations
- > Transponders for granting authorizations (HF chipcards and UHF wind shield transponders)

# HIGH-SECURITY SMARTCARD FOR SEVERAL APPLICATIONS

## Technical data

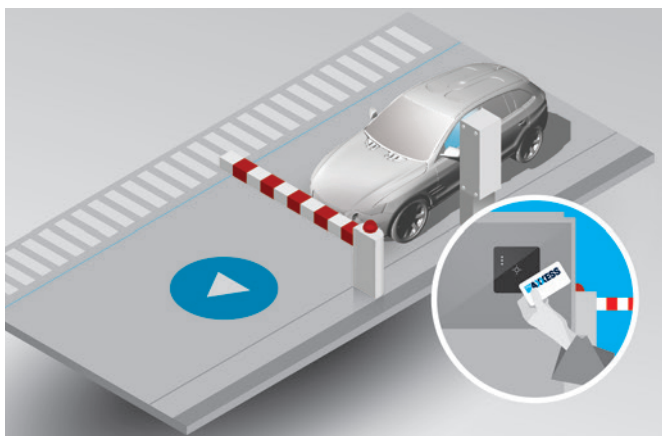
<b>Dimensions (w x h x d)</b>	85.6 mm x 54 mm x 0.8 mm
<b>Operation temperature</b>	-25°C up to +80°C
<b>Frequency range</b>	13.56 MHz
<b>Protocol</b>	ISO / IEC 14443
<b>Baudrates</b>	106 kbit/s, 212 kbit/s, 424 kbit/s, 848 kbit/s
<b>Chip</b>	NXP Mifare DESFire EV1
<b>Memory</b>	- 4 kByte non-volatile memory - Write endurance typical 500,000 cycles - Flexible file system
<b>IT security</b>	- Mutual three-pass authentication - Hardware AES using 128-bit keys - Data encryption on RF-channel - Hardware exception sensors - Self-securing file system - Unique unchangeable serial number
<b>Programming</b>	Unique card number as 6 consecutive hexadecimal digits
<b>Serialization</b>	Unique label number as 8 numeric characters in clear text. Serial number (UID) as hexadecimal digits and 2D barcode (MSByte first)



ID MAX50.10



ID CPR40.30



## Short range

For short range identification of persons (access to doors or barriers), the ID MAX50.10 is supported. As transponders usually chip cards like ID CTK-DESFire and key fobs are used. As a desktop reader the ID CPR40.30 is supported.