

## Selection of DIN 18252/EN 1303 compliant designs



**Double cylinder no. 810 UDM**  
Brass, satin nickel plated



**Double cylinder no. 8710 UDM**  
With emergency and danger function  
Brass, satin nickel plated  
Locking on both sides



**Single cylinder no. 851 1/2 UDM**  
Brass, satin nickel plated  
Follower adjustable  
in 12 positions

**Knob cylinder no. 815 UDM**  
Brass, satin nickel-plated  
Locking function on one side,  
aluminum knob on the other side, NF,  
various knob shapes available  
(figure shows shape H)



**Cam cylinder no. 5558/30 UDM**  
Brass, polished nickel plated  
Locking movement 90°  
Locking direction as desired  
Fitting dimension 25 mm



**Cylinder padlock no. 215 N/58 UDM**  
Lock case brass chromium velour finish  
Shackle stainless steel  
Case width 58 mm, height 50 mm  
Key removable without locking  
Shackle clearance 35 mm (standard)



**Profile insert no. 802/5 UDM**  
Brass, satin nickel plated  
One side locking,  
the other side blind

Your technical adviser on security matters:



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## CES System UDM

Conventional key system with patent protection  
for industrial and residential buildings

## Innovative locking technology with legal protection

An undercut ridge on both sides of the key profile ensure a high level of security against copying so that an electronic cylinder in our UDM system can truly only be opened by authorised persons with the associated key. This creates a three-dimensional profile and the key cannot be copied with standard copying devices that only produce two-dimensional products. Two optional turning levers positioned on one side act on a locking bar and provide a very effective locking element that creates a double security prompt for the long side of the key profile.

Up to three profile control pins, mounted on another locking plane, are installed in the cylinder plug and read the lateral code in the key profile. Every side of the cylinder houses five spring-loaded pin tumblers that act vertically in stages.

As protection against drilling, at least one housing and all of the plug pins on every side of the cylinder are made of hardened, nickel-plated steel. Two housing pins, which have been developed with a special shape, are located on each cylinder side and provide effective protection against picking-tools.



## UDM system in line with DIN 18252/EN 1303

### Security card

At CES, replacement orders and extensions of systems are only possible against presentation of the security card supplied with the system.

**Anti-picking feature** pursuant to DIN 18252 in the form of specially shaped driver pins as an effective protection against picking tools.

**Long-term protection** against unauthorized duplication of keys.

### Strong nickel silver key

Very handy and made according to DIN standard. The key shank is at least 14 mm long and perfectly suited for commercial armatures with cylinder covering. Inserting the key into the cylinder is easy thanks to a specially shaped and patented key tip. A guiding groove along the entire cylinder plug ensures a positive transfer of the key torque and prevents breaking of the key.

The additional locking medium clip (MIFARE®/LEGIC) on the mechanical key enables tried-and-tested locking technology to be combined with modern ID technology.



## Options and extras

### ■ Modular system

Profile cylinders of the UDM system are also available in modular design. This means that the length of these modular cylinders can be adapted to the thickness of the door on site, saving both time and money.



### ■ Optional anti-drilling and anti-pulling protection

Additional hard-metal pins and plates in the hull and on the cylinder plug face offer protection against all common picking methods.

### ■ Bump-proof version

### ■ Sea-water resistant version

### ■ Wear resistant version

### ■ Colours

Cylinders are available in a wide range of finishes. Upon request, a cylinder with two finishes can be delivered as well, in modular buildup.

### ■ Furniture / special cylinders

The UDM series is also suitable for furniture and special cylinders from the CES range.

### ■ Electronic access solutions

The CES cylinders in the UDM system can be combined with electronic locking systems from CES and the AccessOne access control system.