



## dormakaba registration unit 90 01

### **The reliable access solution**

The dormakaba registration unit 90 01 is separate to the control unit. Regardless of the installation location, the respective unit can be installed in a tamper-proof area. Communication between the dormakaba registration unit and the dormakaba control unit is encrypted, offering a high level of security.

### **Flexible installation**

The compact structure and award-winning product design honor this registration unit from other ones. With the innovative quickwire technology, installation is quick and efficient. Thanks to the quickwire technology, you can upgrade from the registration unit 90 01 to 90 02 without rewiring.

### **Function**

The registration unit is equipped with an RFID interface to identify employees. The visual and acoustic signalisation let users know if access has been granted or denied.

### **Areas of application**

The dormakaba registration unit 90 01 is designed for harsh operating conditions and can be used in both inside and outside. The scratch-resistant surface, aesthetic design and complete product portfolio also protect your investment.

### **Advantages at a glance**

#### **Elegant design**

Innovative product design in a compact structure

#### **Robust and durable**

Suitable for outdoor use

#### **Easy to install**

Quick 1-Click installation thanks to the quickwire technology

#### **Tamper-proof**

Protected against sabotage thanks to the control unit installed in secure internal areas

#### **Convertible**

Easy to convert to a recording unit with keypad

#### **Secure in the future**

Ready for use with Mobile access

# Features

## Innovative product design

The registration unit possesses an innovative design, comprising a silver frame and a high-gloss black front.

## User prompting

An acoustic signal and a light symbol (green/red) indicate whether access has been granted or denied. The access media are held up to the light symbol without needing contact.

## Installation

The registration unit can be installed on various surfaces, including directly onto metal, in internal and protected external areas. It is designed for surface cable mounting using a spacer frame and flush cable mounting using a rear panel. This allows the registration unit to be installed directly onto the wall or using a flush mounting box. The quickwire technology makes installation quick and secure.

## quickwire technology

With the state-of-the-art quickwire technology, the entire wiring is separated from the electronics in the rear panel or spacer frame. The electronics are only clicked into the unit when it is commissioned – a practical concept that makes installation easier (1-Click installation).

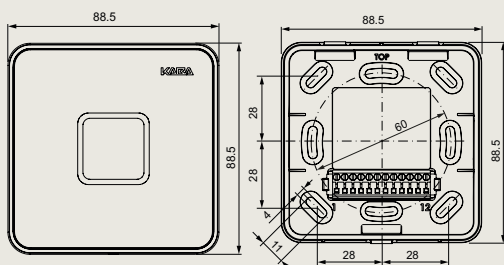
## Compatibility

The dormakaba registration unit 90 01 operates using the following dormakaba control devices:

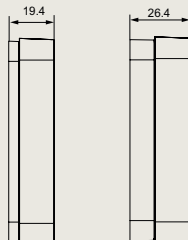
- dormakaba access manager 92 00
- dormakaba remote reader 91 15
- dormakaba remote reader 91 25

Note: The product's range of available functions depends on the system context in which it is used.

dormakaba registration unit 90 01  
Front and rear panel



Side view



flush-mounted surface mounted

## Technical specification

### Terminal

- communication via 50  $\Omega$  coaxial cable (RG 174/U recommended)

### Environmental conditions

- temperature: - 25°C to + 70°C
- humidity: 0 to 95%, non-condensing
- protection class: IP54 (with rear panel & sealingmat) IP40 (with spacer frame)

### Design / material

- rear panel/spacer frame: material: PC/ABS colour: RAL 9005 (black), RAL 9016 (white)
- frame: material: PC/ABS colour: RAL 9006, NCS S2502-B
- front: material: autotex polyester film in PMMA colour: RAL 9005 (black), RAL 9016 (white)

### Dimensions

- with rear panel: 88.5 x 88.5 x 19.4 mm (W x H x D)
- with spacer frame: 88.5 x 88.5 x 26.4 mm (W x H x D)

### Certificates / standards

- EN 301 489-1, EN 301 489-3, EN 300 330-1, EN 300 330-2
- RED 2014/53/EU

Further details and order information can be found in the relevant dormakaba catalogues or system descriptions.

Subject to change without notice.  
© 2018 dormakaba. Version 09/2018

**Any questions? We would be happy to answer any questions you may have.**