

Installation Notes

SmartKey code keypad with integrated reader in accordance with VdS class C

Recessed-mounted and surface-mounted version

Mounting requirements according to VdS: frame, blanking cover and keypad must be glued. Ruderer plastic adhesive is recommended.

1

Before installation

Slots are made in the wall in which the cable can be placed.

- Empty conduit is prepared for cable laying.
- Preferably use the recessed-mounted version for systems complying with VdS guidelines. Use a standard 55 mm recessed-mounted junction box.

2

Installation takes place

- Outside the secured area, close to the door.
- At a maximum distance of 6 m from the control unit.
- At a minimum height of 1.20 m on systems complying with VdS guidelines.

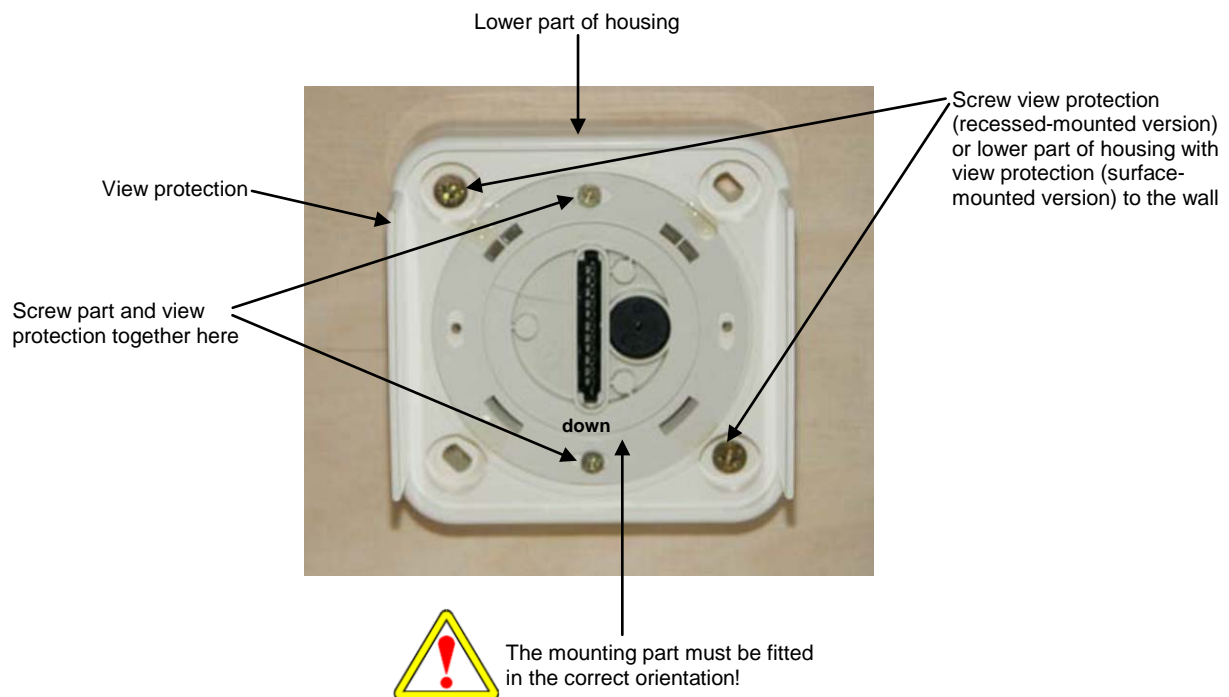
3

Fitting mounting parts for the recessed-mounted version

- Fit view protection centrally over the recessed-mounted junction box.
- Screw the mounting part with the sealed cable into the view protection.

Fitting mounting parts for the surface-mounted version

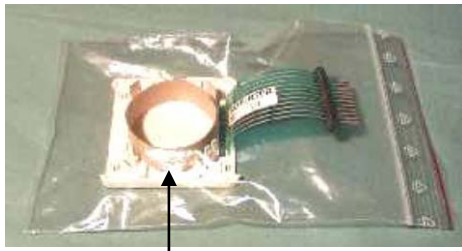
- Fit lower part of housing with view protection.
- Screw the mounting part with the sealed cable into the view protection.



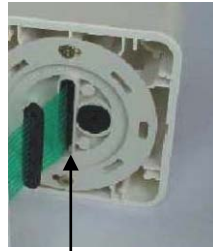
4

Function test of the code keypad with reader

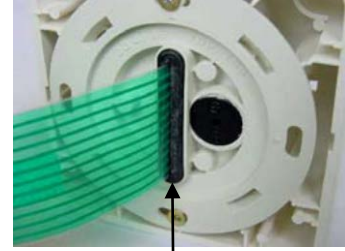
- Insert the ribbon cable for the keypad into the socket on the mounting part as far as it will go.
- Push the rubber gasket into the socket on the mounting part until it is flush.
- Wire up all the components in the system and carry out a function test. You will find all the necessary information about wiring, function tests, commissioning, etc. in the installation manual for the SmartKey Arming device.
- Remove the keypad from the mounting part.



Transport protection



Ribbon cable

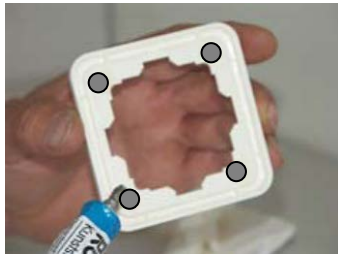


Rubber gasket

5

Glue in the frame (observe adhesive manufacturer's instructions for use)

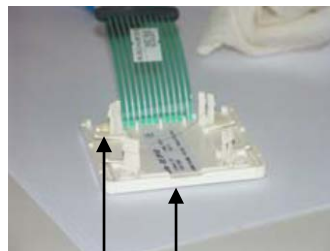
- Apply adhesive to the frame and mounting part at the positions marked in the illustrations.
- Glue the frame and mounting part together.



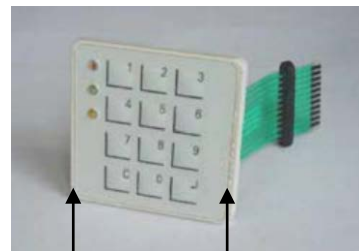
6

Glue in the blanking covers (observe adhesive manufacturer's instructions for use)

- Apply adhesive to the keypad at the positions marked in the illustration and apply adhesive to the blanking covers at the opposite positions.
- Glue both blanking covers to the back of the keypad.



Blanking covers glued in place
Rear view of keypad



Blanking covers glued in place
Front view of keypad

7

Glue in the keypad (observe adhesive manufacturer's instructions for use)

- Apply adhesive to the keypad and its mounting clips at the positions marked in the illustration. Apply adhesive to the mounting part and the frame at the positions marked in the illustration.
- Create a connection with a ribbon cable between the keypad and the mounting part, see instruction 4
- Glue the keypad and mounting part together.



When inserting the keypad, the ribbon cable must not be folded, but just gently curved.

