

## FAQ

### ■ How do we define VdS classes?

**Class A** intruder alarm systems provide simple protection against intruder attempts in both an active and inactive state; the detectors have medium responsiveness.

**Class B** intruder alarm systems provide medium protection against intruder attempts in both an active and inactive state; the detectors have medium responsiveness.

**Class C** intruder alarm systems provide enhanced protection against intruder attempts in both an active and inactive state; the detectors have high responsiveness. Extensive monitoring of security functions exists.

### ■ Do the letters on the rear of the switch name correspond to the VdS classes?

The letters do NOT correspond to the VdS classes.

Individually, they mean the following: **A** = closer; **B** = opener; **C** = changer

### ■ What is a closer/opener/changer?

**Openers** are closed when inactive (reed closed). Magnet pulls over, contact opens = opener.

**Closers** are open when inactive (reed open). Magnet pulls over, contact closes = closer

**Changer** = depending on how it is connected determines whether it functions as a closer or an opener.

### ■ Why are all the VdS contact cores the same color?

In accordance with the VdS guidelines, all cores of VdS-approved magnet contacts must always be the same color in order to deter a potential intruder from tampering with them.

### ■ What information do I need to place an order?

The following information must be given when placing an order:

The "130" parts number = order number (130XXXX) – see product catalog

In case you do not have this to hand:

For switches: cable length, color where applicable, magnet type, installation part where applicable

For detachable door loops: cable length

For installation parts: number of bags (always 5 in PE bags)

### ■ I'm a private customer: can I also place an order?

Our products are only marketed to specialist retailers. If necessary, please contact your local electrician or alarm fitter.

### ■ How do I become a customer?

In order to create a new customer account for you, we need a copy of your current entry in the commercial register/business registration or your tradesman's permit. For companies in neighboring EU countries, we need a valid VAT number.

### ■ What is the difference between a recess mount and surface mount magnetic contact?

Recess mount magnetic contacts are cylindrical and predominantly installed in windows.

A recess mount magnetic contact can be turned into a surface mount magnetic contact with the appropriate installation part (e.g. M 11 40). Surface mount magnetic contacts are often rectangular and used more for doors.

■ **Can the magnet switches also be mounted outside, e.g. on a garden gate?**

Magnet switches with protection class IP 68 are protected from both dust and long-lasting submersion, meaning that they are provisionally suitable for outdoor use. However, all our products were developed for indoor use. The client must therefore check to what extent the external conditions (e.g. solar radiation) would affect the housing.

■ **Can I install a magnet switch with any magnet?**

Our magnet switches can be installed with any magnets. However, please note the following limitations:

- In VdS-approved switches, there must always be at least one installed magnet which meets approval – otherwise the approval expires.
- We cannot guarantee that it will function properly.
- We cannot make statements about response values, mounting clearance etc.
- The processor must guarantee the correct function – we therefore always recommend using the suitable, approved magnet.

■ **If repairs need to be made, can I extend the cable, and if so, how?**

The cable can be extended on-site. For this, every wire must be individually soldered and protected with shrink tubing. This is finished off with a further shrink tubing pulled over the entire "patch."

■ **In the installation parts, what is the difference between a piece and a set?**

A **piece** means that the installation part is for either a switch OR a magnet.

A **set** means that the installation part is for both a switch AND a magnet.

■ **In the protective tubes/door loop sets, what is the inner diameter and what is the outer diameter?**

The larger number always refers to the outer diameter, and the smaller number the inner diameter.

■ **Which door loop is suitable for outdoor use?**

For example the following door loops made of stainless steel: M 12 80, M 13 34, M 11 90\_15 and M 11 91\_15.

The variants of protective tubes made of brass are suitable for outdoor use.

However, it should be noted that the door loop must be specially protected according to location (e.g. in salty air or at an airport).

■ **Can the door loops M 12 80, M 13 34 and M 13 40 also be mounted with elongated springs?**

Definitely not! These door loops are assembled in a U shape since the end pieces are not suitable for longitudinal installation, which would possibly destroy the entire door loop.

■ **Why must a cable loop in door loops be provided with longitudinal installation (e.g. M 11 91)?**

It is vital in terms of functioning that the cable can freely move within the tension spring so that the cable can pull into the spring and slide back out. The thicker the profiles and the more unfavorable the pivotal point or door hinge are, the longer the cable loop should be. The maximum this can be (opening angle of 180°) is up to a 120 mm cable length, which is required in the tension spring for perfect functioning.