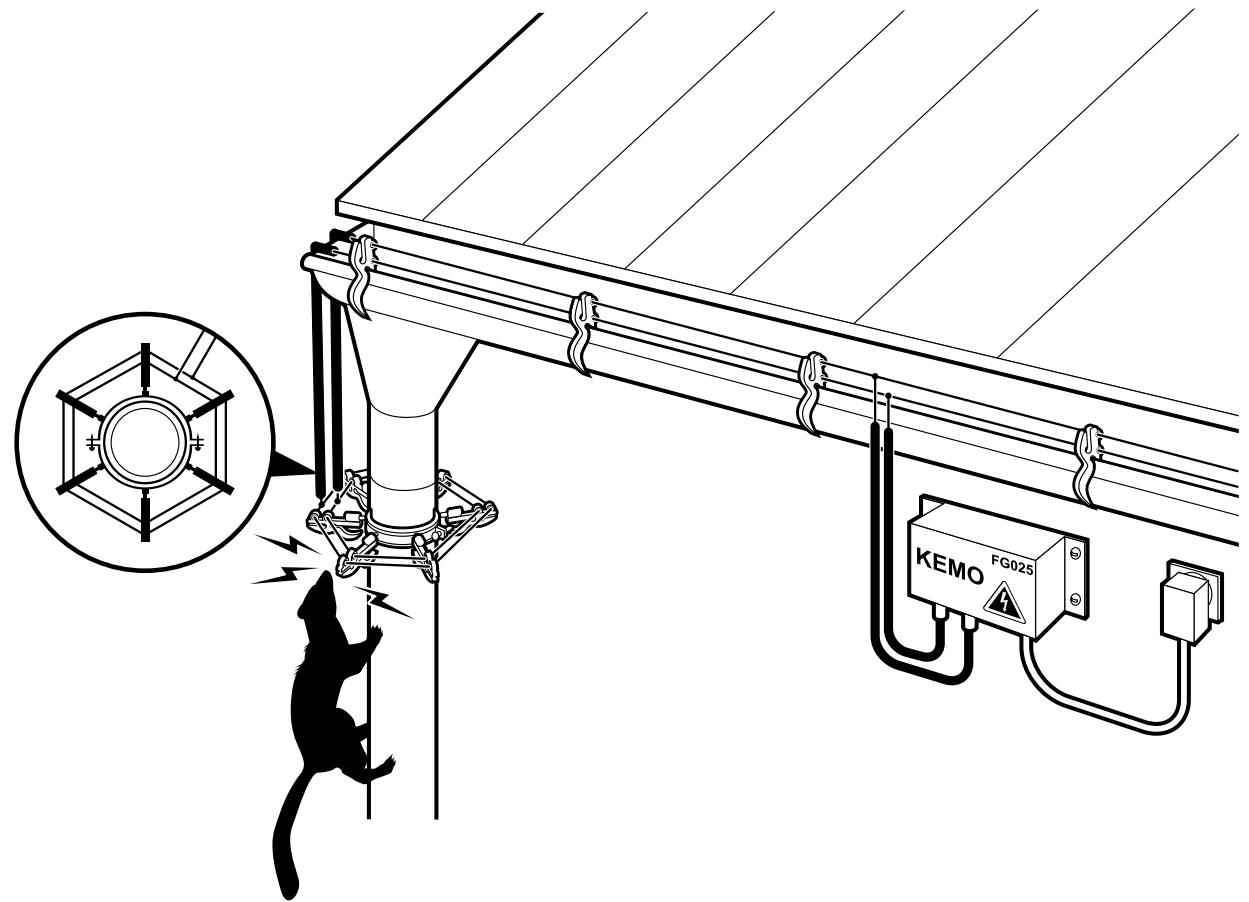


**GB** FG025SET | Marten and Raccoon Repeller - Electric Fence

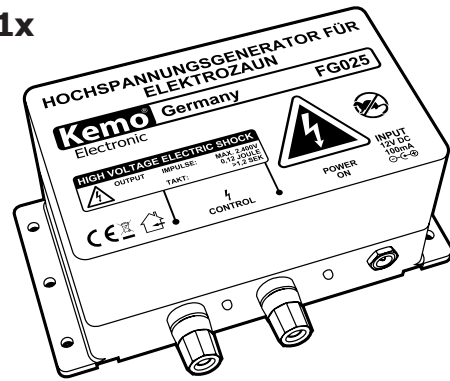
High voltage electric fence for mounting at gutters and downpipes against martens and raccoons in houses. The animals often climb up the downpipes and via gutters into the loft to nest there. An electric shock at this two pole electric fence should expel the animals effectively. A plug power supply 12 V/DC, output at least 100 mA or a 12 V car battery > 12 Ah is still required for operation (both is not included). In both cases the electric cable requires a barrel connector of 5,5 x 2,1 mm.

**ANSCHLUSSBEISPIEL | CONNECTION PLAN**

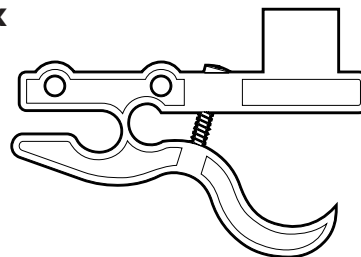


**Packungsinhalt | Package contents**

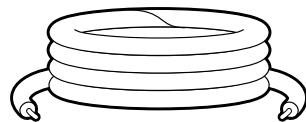
1x



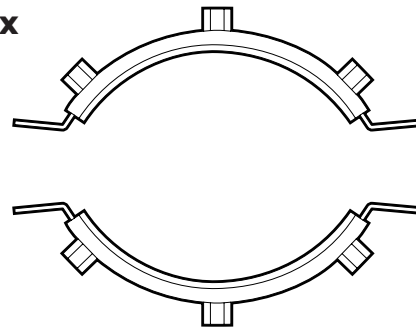
12x



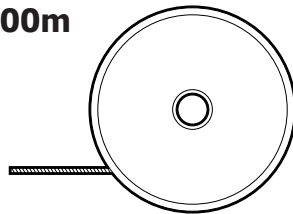
4m



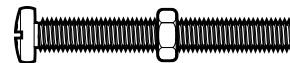
1x



100m



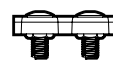
2x



6x



6x



12x



**Packungsinhalt:**

- 1 Hochspannungsgenerator FG025
- 12 Dachklammern, für blanke Edelstahl-Litze (kein Bohren nötig)
- 12 Schrauben 2,9 x 19 mm für Dachklammern, zum Fixieren an der Regenrinne
- 6 Schrauben M5 x 25 mm für Dachklammern, zum Fixieren an der Rohrschelle
- 1 Rohrschelle für Regenfallrohr, 2-teilig
- 2 Schrauben M6 x 60 mm mit Mutter, für Rohrschellen-Verbindung
- 100 m blanke Edelstahl-Litze, für Hochspannung
- Ca. 4 m isolierte Hochspannungslitze
- 6 Edelstahl-Verbindungsklemmen

**Content of the package:**

- 1 High-voltage generator FG025
- 12 Roof brackets for bare stainless steel strand (no drilling necessary)
- 12 Screws 2.9 x 19 mm for roof brackets for fastening at the gutter
- 6 Screws M5 x 25 mm for roof brackets for fastening at the pipe clamp
- 1 Pipe clamp for downpipe, 2-parts
- 2 Screws M6 x 60 mm with nut for joining the pipe clamps
- 100 m Bare stainless steel strand for high voltage
- Approx. 4 m insulated high-voltage strand
- 6 Stainless steel-connecting terminals

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**Installation guide:**

The installation should be made by a qualified person.

The bare stainless steel strand is mounted according to the drawing and slightly tensioned so that it does not sag. Please use the connecting terminals to adjust the tension. However, the tension should not be too tight as the yellow roof brackets are not suitable for this purpose.

It is imperative to make sure that the bare stainless steel strand does not strike any metal parts at the house, e.g. the metal of the gutter, lightning conductor, metallic door frames, etc. Both paths of the stainless steel strand may never touch each other as this would cause a short circuit. Therefore, please do not knot the ends with each other in order to reach a better stability.

If the stainless steel strand must be conducted via metal parts, e.g. gutter edges, please use the enclosed thick and insulated high-voltage cable. Please employ the enclosed stainless steel connecting terminals for the electrical connection between the bare stainless steel strand and the insulated cable.

The objective is to lay two paths of bare stainless steel strand in parallel in such a manner that the marten touches both cables at the same time when climbing on the roof and thus gets a severe electrical shock.

As the paths for the electric fence are mounted on the gutter and the marten that possibly touches them has no connection to earth, the connections of the high-voltage generator must not be connected to earth (in contrast to pasture fence systems, e.g. for cows which require an earthing).

The high-voltage generator is supplied with 12 V/DC via a barrel connector-socket 2.1 mm. Commercial, stabilized plug power supplies with an output of 100 mA or more are adequate for this purpose. 12 V batteries or car batteries are also suitable. An battery with a capacity of e.g. 12 V 10 Ah should be sufficient for an operation of > 6 weeks. Battery and power supply are not included. In both cases please look out for a connecting cable with a power supply plug (barrel connector) of 2.1 x 5,5 mm.

Important: The high-voltage generator and the employed power supply or battery, respectively, are not waterproof. These have to be mounted in a dry and weatherproof place. Furthermore, the installation site should also be chosen in such a manner that no fire may develop in case of any defect.

The high-voltage generator may only be put into operation after having completed and checked all installations. Switching on takes place by putting the plug of the power supply or battery, respectively, into the power supply socket of the high-voltage generator.

**Safety instructions and valid legal regulations:**

The system must be secured against unintentional contact by people. This should be done by erecting highly visible signs, by fencing off or the like. The regulation for signs says: at least 100 x 200 mm, yellow background with black inscription with a height of letters of > 25 mm and the text: ATTENTION: electric fence – printed on both sides.

The system may not be mounted on or above public area, unless the responsible authority has given its approval.

The high-voltage lines may not run to other cables (telephone cable, other electric fences, etc.) (> 300 cm minimum distance, for high-voltage lines > 10 m).

The bare high-voltage line must not strike any other parts apart from the enclosed plastic insulators (e.g. cover of vegetation, pipes, etc.) as then the high-voltage is derived and becomes ineffective.

Electric fence devices may not be mounted in permanent establishments at risk of fire, e.g. in barns, stables, etc.

When mounting an electric fence device in a building, which is not at risk of fire, a lightning protection system has to be fixed outside before inserting a supply line for the fence into the building.

Electric fences have to be installed in such a manner that they do not constitute any risk for people, playing children, animals or their surroundings. Any accidental contact through people must be excluded.

It is not allowed to operate several high-voltage generators at one fence. The operating safety of the electric fence has to be checked at regular intervals.

**Use as directed:**

High-voltage electric fence to scare away unwanted small animals such as martens, raccoons, etc. from lofts and buildings in secured surroundings (secured against accidental contact by people, not in flammable buildings).

**Setting into operation:**

After checking the correct and safe installation, put the plug for the 12 V current supply in the high-voltage generator. The device starts working after a few seconds: The LED „Power ON“ flashes and the LED „Control“ flashes as well.

**Checklist for trouble shooting:**

The LED „Power On“ does not flash: the device does not receive any power, the 12 V current supply is not available or too weak.

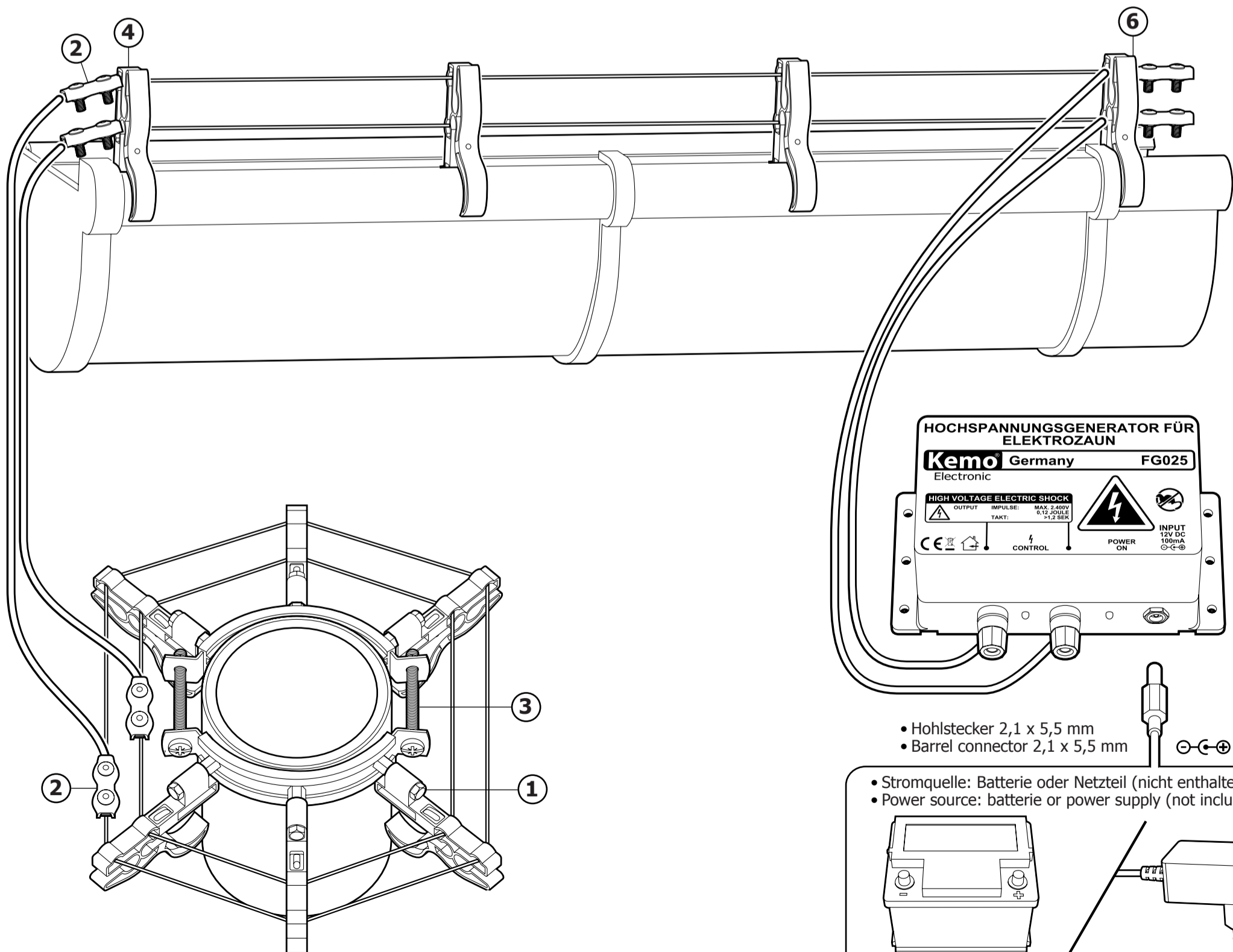
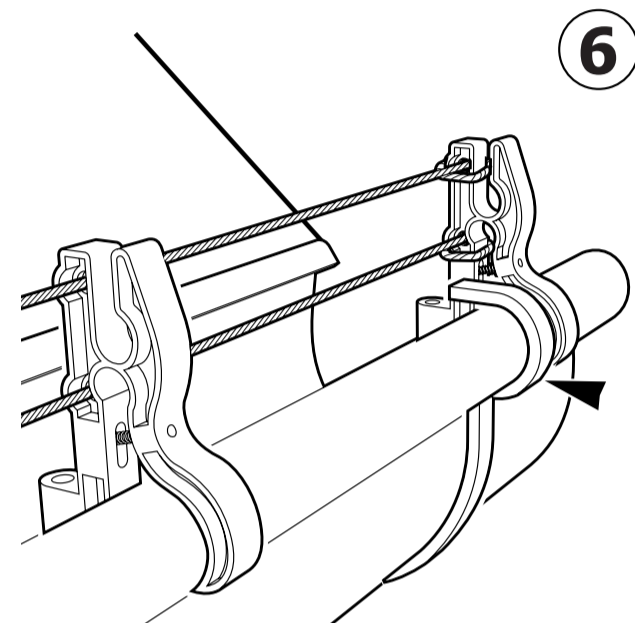
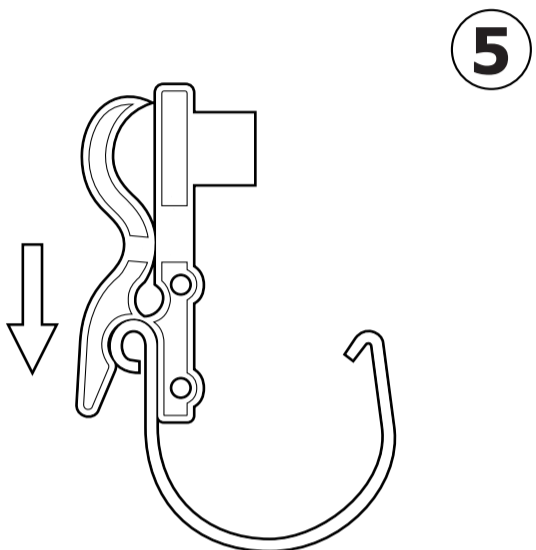
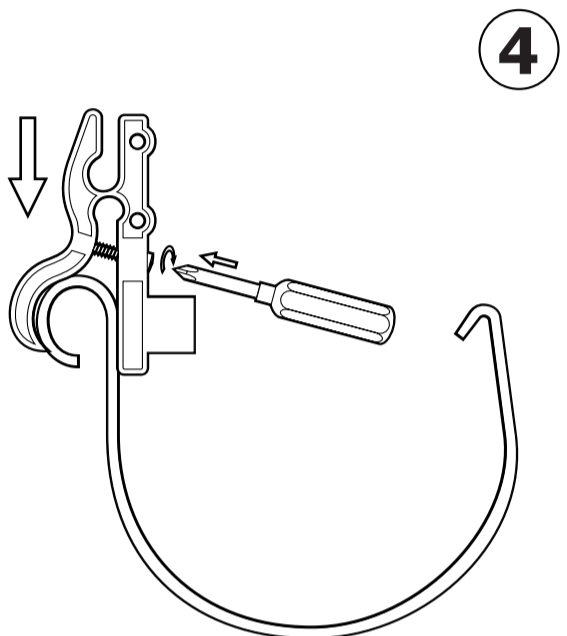
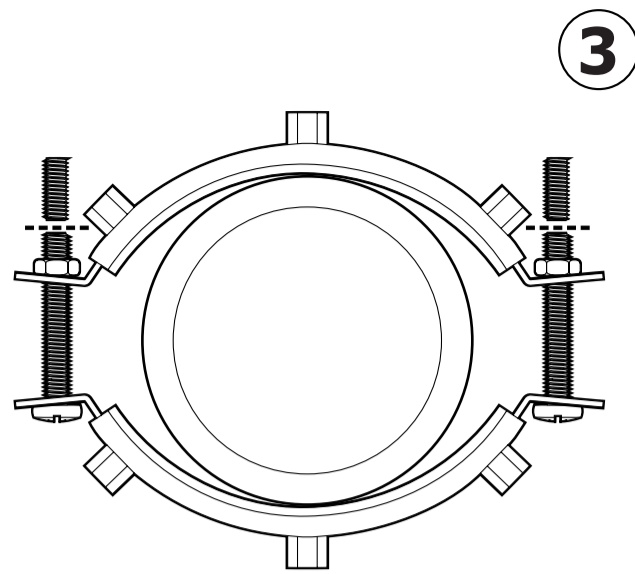
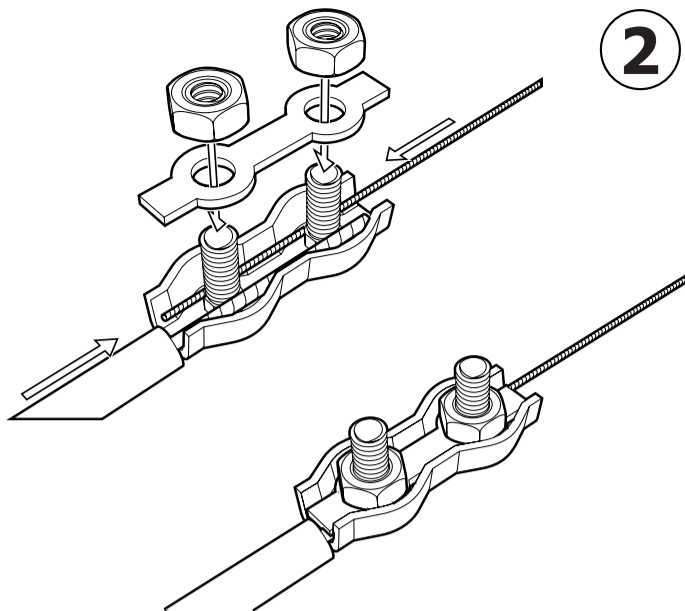
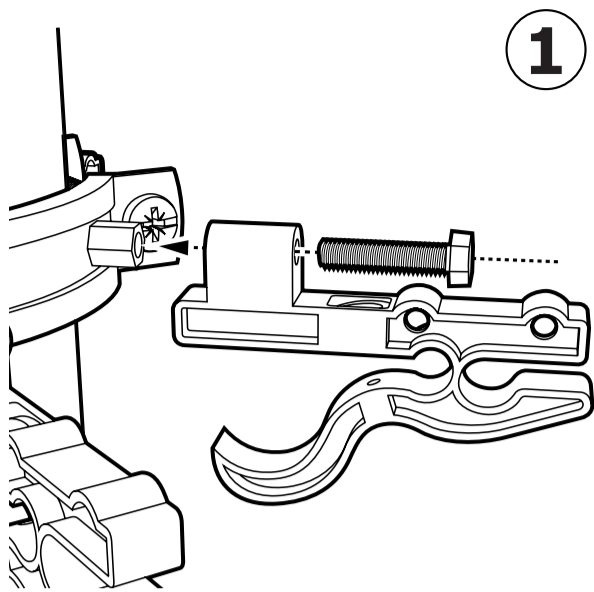
The „Control“ LED does not flash: there is no high voltage. Please remove the connecting wires from the high-voltage connection (interrupt the 12 V current supply first for safety reasons). Then put the plug for the 12 V current supply again into the socket of the device. If now the „Control“ LED flashes besides the LED „Power On“, the error lies in the high-voltage line. It has a short-circuit somewhere (both high-voltage cables touch each other or a foreign body lies against both wires and short-circuits it).

Or both high-voltage lines are short-circuited with snow or ice.

**Technical data:**

**Operating voltage:** 12 V/DC battery or power supply (not included) | **Current input:** barrel connector-socket 2.1 mm | **Current consumption:** approx.  $\emptyset$  0.008 A (pulsed, temporary 100 mA) | **Output voltage:** max. 2400 V pulses | **Clock pulse interval:** > 1.2 sec. | **Power:** approx. 0.12 joule (against small animals) | **Stainless steel strand:**  $\emptyset$  approx. 0.7 mm, 7 stranded single wires | **Max. wire lengths:** permitted up to approx. 100 m | **Pipe clamp:** for downpipes  $\emptyset$  approx. 70 - 110 mm | **Size high-voltage generator:** approx. 122 x 72 x 66 mm (without mounting feet and connecting terminals)

ANSCHLUSSBEISPIEL | CONNECTION PLAN



**D | Entsorgung:** Wenn das Gerät entsorgt werden soll, darf es nicht in den Hausmüll geworfen werden. Es muss an Sammelstellen für Fernsehgeräte, Computer usw. entsorgt werden (bitte erkundigen Sie sich in Ihrem Gemeindebüro oder in der Stadtverwaltung nach Elektronik-Müll-Sammelstellen).

**GB | Disposal:** This device may not be disposed with the household waste. It has to be disposed at collecting points for television sets, computers, etc. (please ask your local authority or municipal authorities for these collecting points for electronic waste).



**D | Wichtig:** Bitte beachten Sie die extra beiliegenden "Allgemeingültigen Hinweise" in der Drucksache Nr. M1002. Diese enthält wichtige Hinweise der Inbetriebnahme und den wichtigen Sicherheitshinweisen! Diese Drucksache ist Bestandteil der Beschreibung und muss vor dem Aufbau sorgfältig gelesen werden.

**GB | Important:** Please pay attention to the "General Information" in the printed matter no. M1002 attached in addition. This contains important information starting and the important safety instructions! This printed matter is part of the product description and must be read carefully before assembling!

**E | Importante:** Observar las "Indicaciones generales" en el impreso no. M1002 que se incluyen además. ¡Elas contienen informaciones importantes la puesta en servicio y las instrucciones de seguridad importantes! ¡Este impreso es una parte integrante de la descripción y se debe leer con esmero antes del montaje!

**F | Important:** Veuillez observer les « Renseignement généraux » dans l'imprimé no. M1002 ci-inclus. Ceci contient des informations importantes la mise en marche et les indications de sécurité importantes! Cet imprimé est un élément défini de la description et il faut le lire attentivement avant l'ensemble!

**NL | Belangrijk:** Belangrijk is de extra bijlage van "Algemene toepassingen" onder nr. M1002. Deze geeft belangrijke tips voor het monteren het ingebruik nemen en de veiligheids voorschriften. Deze pagina is een onderdeel van de beschrijving en moet voor het bouwen zorgvuldig gelezen worden.

**P | Importante:** Por favor tomar atenção com o extra "Indicações gerais válidas" o junto impreso M1002. Este contém importantes indicações a colocação em funcionamento e importantes indicações de segurança! Este impreso é um elemento da descrição que deve cuidadosamente ler antes da montagem!

**RUS | Важное примечание:** Пожалуйста обратите внимание на отдельно приложенные «Общедействующие инструкции» в описании Но. M1002. Это описание содержит важные инструкции введения в эксплуатацию, и важные замечания по безопасности. Этот документ является основной частью описания по монтажу и должен быть тщательно прочитан до начала работы!

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### • Warnschild „Elektrozaun“

zum Selbermachen.  
50% der Originalgröße.  
Hintergrund muss Gelb!

### • Warning sign „electric fence“

for do it yourself.  
50% of the original size.  
Background must be yellow!

