

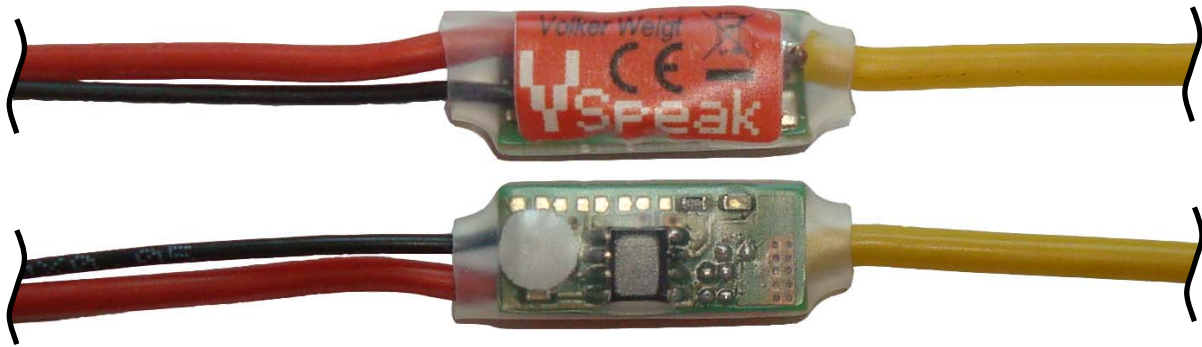
Magnetswitch 25A

Magnetswitch 25A-UNI-Blue-Line

There are **2 different versions** available:

1. Magnetswitch 25A

- with silicone-cable for direct soldering
- max. switching current: **25A permanent** / 60A burst



2. Magnetswitch 25A-UNI-Blue-Line

- Plug and Play (UNI/Futaba male - UNI/female)
- max. switching current - only **limited** by the connectors: **3A permanent** / 5A for 2min/ 8A burst



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1 Description

The Magnetswitch is a replacement for mechanical switches. Since there are no moving parts, It is suitable for all kinds of models and immune to vibrations. Since the switch is operated by a magnet, it can be placed hidden inside the model.

Due to the small size and the light weight, the Magnetswitch is especially suited for planes, especially sleek models.

You can not only switch the RX battery, but also the flight pack of brushless ESCs or single BECs with max. 3S LiPo and a maximum permanent current of 25A.

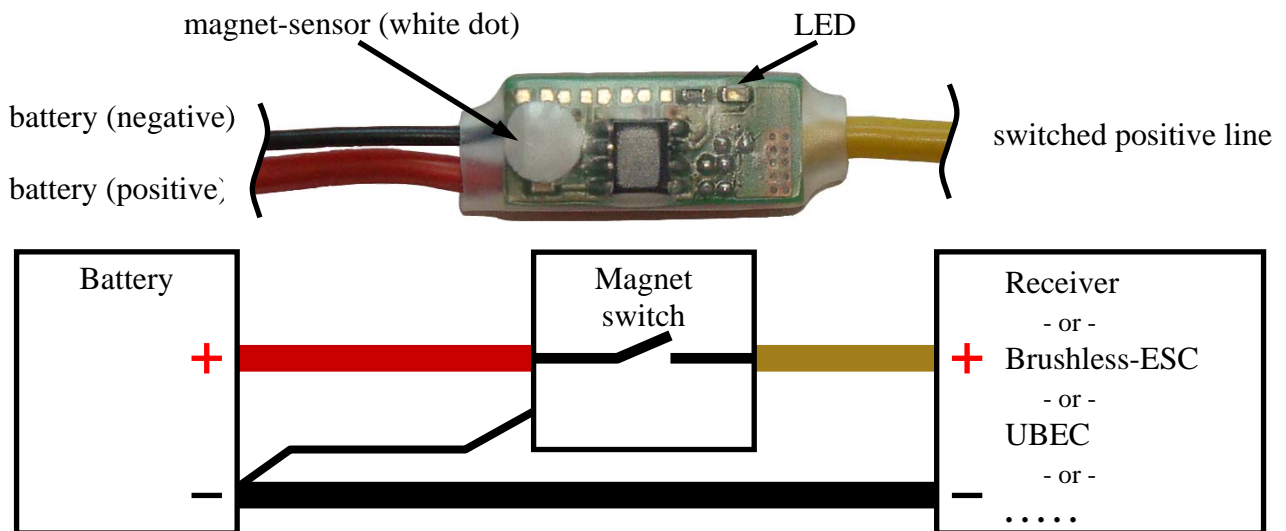
The positive terminal is switched.

The "ON" position is displayed with a LED.

2 Installation

2.1 Elektrical Installation

2.1.1 *Magnetswitch 25A*



2.1.2 *Magnetswitch 25A-UNI-Blue-Line*



2.2 Mechanical Installation

The Magnetswitch should be mounted using double sided foam tape or hot glue on the inside of the outer hull of the model, so you can operate the switch from the outside with a magnet.

Notice: Make sure you have sufficient distance to other magnets in the model (like canopy magnets or brushless motors) to avoid malfunctions.

3 Operation

3.1 ON / OFF

To switch the Magentswitch ON/OFF, place the magnet for 4 seconds on the sensor.

3.2 LED-Display

OFF: Switch is OFF

ON: Switch is ON

Blinking: Magnet near Sensor, switch status is kept on previous state

4 Technical data

Switching voltage	3,5 ... max 15 V (3...10 Cells NiCd/NiMh, 2 to 3 Cells LiFe, 1 to 3 Cells LiPo)
Power consumption	ON: about 5 mA OFF: ~0 mA (max 0,005 mA)
Size	21 x 9 x 7 mm (PCB)

4.1 Magnetswitch 25A

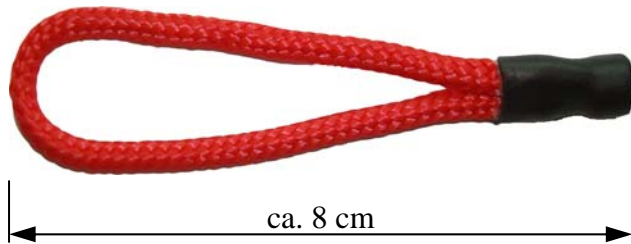
Switch current	max 25 A (60 A burst)		
Weight	9 g (incl. cable)		
Connectors	red:	Battery-positive:	15cm Silicone cable (1,5 mm ²)
	black:	Battery-negative:	15cm Silicone cable (0,25 mm ²)
	yellow:	switched line:	15cm Silicone cable (1,5 mm ²)

4.2 Magnetswitch 25A-UNI-Blue-Line

Switch current	max 3 A permanent (5 A for 2min/ 8 A burst)		
Weight	6 g (incl. cable and connectors)		
Connectors	Battery:	UNI/Futaba male:	10cm Silicone cable (0,5 mm ²)
	Receiver:	UNI female:	10cm Silicone cable (0,5 mm ²)

5 Accessories

A **Magnet** is included



6 EG Declaration of Conformity

Manufacturer

VSpeak-Modellbau (Volker Weigt)
Priestewitz



We hereby declare that the products

- Magnetswitch 25A
- Magnetswitch 25A-UNI-Blue-Line

complies with the following European directives:

2004/108/EC	EMC Directive
2006/95/EC	Low Voltage Directive (LVD)
2011/65/EC	Restriction of Hazardous Substances (RoHS)

The presumption of conformity is taken by applying the following harmonized standards:

EN60065	Audio-, video- and similar electronic apparatus - Safety requirements
EN60332	Tests on electric and optical fibre cables under fire conditions
EN60950	Information technology equipment - Safety
EN61000-6-1	Electromagnetic compatibility (EMC)
EN61000-6-3	
EN55022	Information technology equipment - Radio disturbance characteristics

Priestewitz, 2013/08/01



.....
Signature
Volker Weigt
Managing Director

7 Instructions for disposal



Equipment marked with the symbol should not be disposed of within household waste.