

YGE

Optocoupler - module

To use for BEC ESC's on galvanic separation between receiver and engine circuit. Very recommendable with consumption from greater than 40A, and from 4 Lipos, or 12 cells NiCd/NiMh. With the use of the module a receiver battery with counter cable becomes necessary. Now the receiving is not supplied any more by the regulator, but only by the receiver battery.

Specific features:

- higher security
- the best surge suppression
- no danger with deeply unloaded driver battery
- almost no load of the BEC
- Strengthening of the receiver signal

Technical data:

- Company tension: 3 to 9 V
- Power consumption of the receiver battery: 0.5 mA
- Power consumption of the driver battery: 0.5 mA
- On both sides reverse polarity- and short circuit-firmly
- Weight incl. wire: 1.6 g
- Plug size: JR

The module is simply put between receiver and ESC and the JR plug comes to the throttle channel of the receiver, and the 3rd pencil strip to the regulator. The connection result JR is same on both sides. Now the red wire of BEC Plug to the ESC may not be separated any more. To the care one can protect the plug in the module with a stripping tape.

The optokoupler has a term delay of 35 μ s what leads to a stop point movement of the throttle channel. If the ESC does not initialize after assembly of the optocouplers any more, the trim of the throttle channel must be put down, or be increased the lower throttle curve of the throttle channel about 10%. (Stop point must be reduced about 10%)

Warranty:

There is a 6 months warranty with regard to the optocoupler. All extensive claims are excluded. This goes especially for claims of damage, which have been caused due to failure or error function. We do not assume responsibility for material damage, personal damage and their consequences, which arise from our delivery or work, because a check regarding the operation and use is not possible.