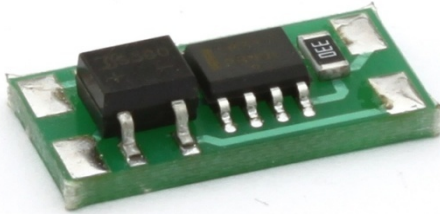


TM-28776



## Current source for LEDs

User's manual



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## **Safety warning**

During the operation of the device the specified technical parameters shall always be met. At the installation the environment shall be fully taken into consideration. The device must not be exposed to moisture and direct sunshine.

A soldering tool may be necessary for the installation and/or mounting of the devices, which requires special care.

During the installation it shall be ensured that the bottom of the device should not contact with a conductive (e.g. metal) surface!

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## **Features and properties**

- DC or AC supply
- Output current independent of the input supply voltage
- Supplying more than one LEDs connected in series
- Compact design

## **Technical parameters**

Input supply voltage: 5-24V

Idle mode current consumption: 0 mA

Max. current consumption: 20 mA

Dimensions: 18x8 mm

## **Short description**

The circuit serves for supplying LEDs with constant current. Supply of this type ensures continuous, permanent light intensity on the LEDs independent of the input supply voltage.

## **Wiring**

As shown in Figure 1, especially considered the polarity of the connected LED. The figure indicates the polarity marking of the different LED types.

## **Guarantee and legal statement**

Each parameter of the device will be submitted to comprehensive testing prior to marketing. The manufacturer undertakes one year guarantee for the product. Defects occurred during this period will be repaired by the manufacturer free of charge against the presentation of the invoice.

The validity of the guarantee will cease in case of improper usage and/or treatment.

Attention! By virtue of the European EMC directives the product can be used solely with devices provided with CE marking.

*The mentioned standards and branch names are the trademarks of the firms concerned.*

Figure 1

