

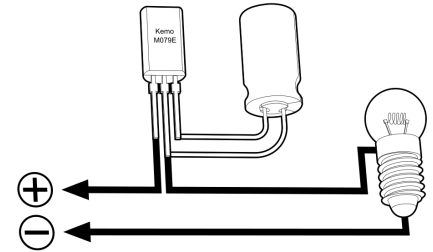
**Kemo Electronic GmbH**

Mato Vukovic  
 Leher Landstr. 20  
 27607 Geestland  
 Germany

Phone: +49 4743 9338-0  
 Fax: +49 4743 9338-22

<http://www.kemo-electronic.de>  
 email: [info@kemo-electronic.de](mailto:info@kemo-electronic.de)

HR.Nr. HRB 111 486  
 UstNr: DE 814 380 369

**M079E - Flasher / Alternating Flasher 7 - 24 V/DC**

Very small electronic flasher unit consisting of 2 small electric components only during operation with an incandescent lamp. Circuit diagrams for many variations are enclosed. It is also possible to connect LEDs. However, these must be then operated with additional protective resistors (not included). 3 additional resistors (not included), which are tailored to the respective configuration are required for the operation as alternating flasher. The components have to be connected by using a soldering iron.

**Technical Data:**

Operating voltage range: approx. 7 - 24 V  
 Power rating range (connectable lamp load): approx. 10 mA - 1 A  
 Flash frequency: Ø approx. 1.2 Hz (approx. 1 flash pulse every 0.8 sec.)  
 Duty cycle per flash pulse: approx. 50% (approx. 0.4 sec)  
 Operating temperature: approx. -20 - + 80°C  
 On-resistance in the flasher unit: approx. 0.08 ohm  
 Dimensions of the electronic flasher unit: approx. Ø 3.4 x 8 mm  
 Dimensions of the corresponding capacitor: approx. Ø 6.5 x 12.4 mm  
 Protected against reverse battery and short-circuit proof