

Magneto-sensitive proximity switch VEW DCHS 1004 RED

Redesign

The VEW redesign of the DCHS 1004 can be used plug-and-play instead of the original module.

The function is that of a magneto-sensitive proximity switch with three independent outputs that can switch loads up to 0.5A.

The magneto-sensitive component (Hall sensor) is located in a raised position in a 1x1 cm cavern on the mounting surface of the module. The mounting surface is equipped on four sides with oblong holes for M4 with washer. The degrees of freedom of the slotted holes allow for an adjustment of the assembly with regard to the ideal alignment of the Hall sensor to the magnetic field. An air gap of 3mm between the Hall sensor and the magnetic field is easy to bridge.

The supply voltage is 24VDC \pm 20%. Two outputs switch the "load" between +24V and 0V when the Hall sensor is activated.

The third output has a negated function as a normally open contact.

The normally open contact additionally activates a relay with a potential-free normally closed contact.

Activation is indicated by a green LED going out.

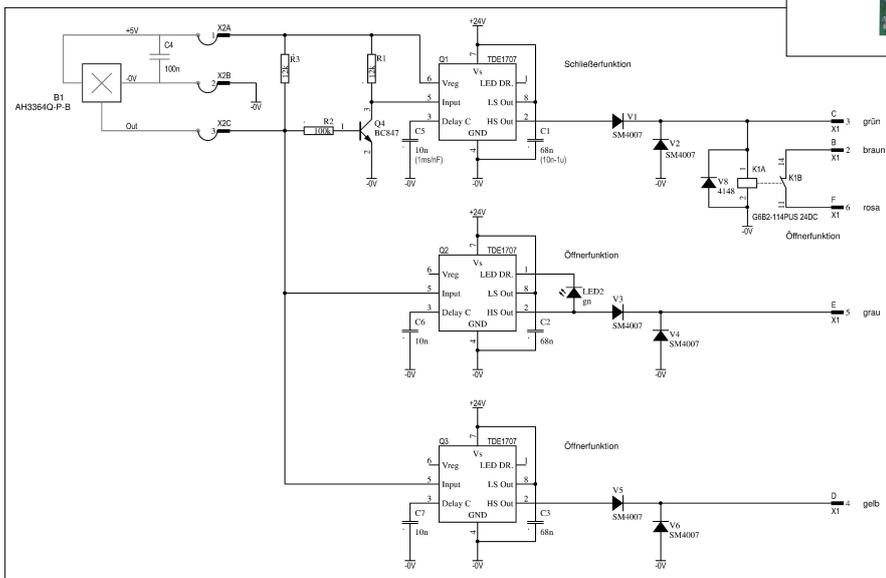
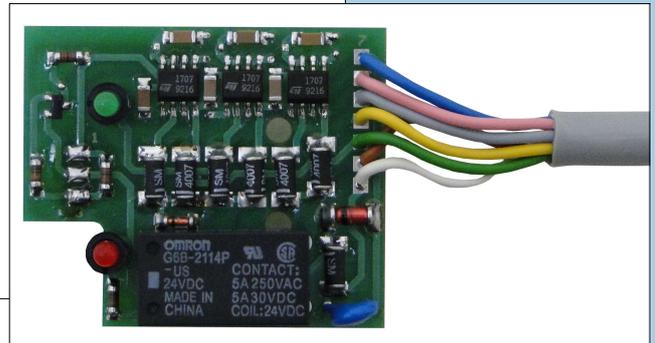
The red LED serves as an operation indicator.

The module is hermetically sealed and carries a free connection cable with a length of 22 cm.

The connection strands with 0.25mm² are color coded as follows:

- 1 white +24V
- 2 brown ←
- 3 green closer
- 4 yellow opener
- 5 gray opener
- 6 pink ←
- 7 blue 0V

opener (loop)



Technical Data:

- Supply : 24V DC \pm 20%
- Outputs : 2x opener; 1x closer, potential bound, 1x NC contact relay contact
- Switching load : max. 0,5A
- Switching distance : 3mm, Magnet „S“



DIE ENTWICKLER

VEW Vereinigte Elektronikwerkstätten GmbH
Edisonstraße 19 * POb: 330543 * 28357 Bremen
Fon: (+49) 0421/271530 Fax: (+49) 0421/273608
E-Mail: info@vew-gmbh.de / www.vew-gmbh.de

