



FACTORY OF ELECTRIC APPARATUS

**EMA – ELFA Sp. z o.o.**

st Poczтовая 7, 63-500 Ostrzeszów, PL

phone: +48 62 730 30 51

fax: +48 62 730 33 06

handel@ema-elfa.pl

www.ema-elfa.pl

**Cantoni**®  
**GROUP**

# CONTROL AND SIGNALING CIRCUITS MICROSWITCH **KZ, KO**



Having in mind the user who requires the control of the brake, we have designed special signaling and control circuits, which enable to control the state of the brake (engaged, disengaged) and the wear of the plate lining. The usage of these circuits enables to control the brake with the use of automatic elements, which ensure high level of safety and reliability.

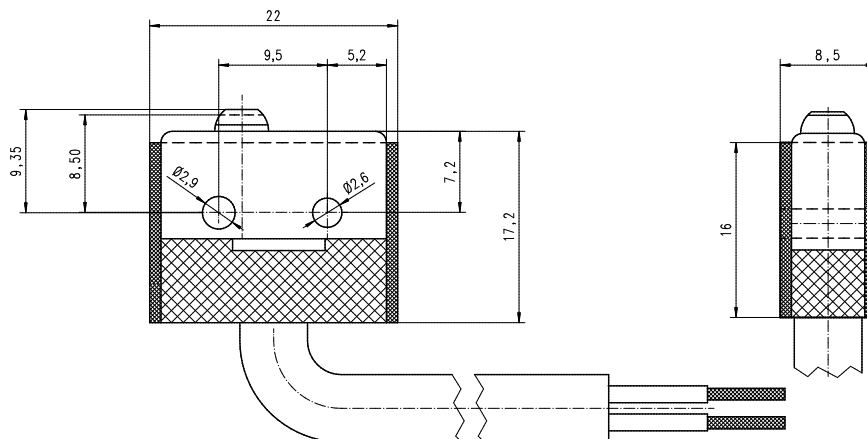
Due to its compact design, the microswitch can be used in any other applications, as long as its parameters meet design requirements.

**Response monitoring microswitch – KZ** – control of the state of brake (engaged, disengaged),

**Microswitch of the brake lining control – KO** – the microswitch indicates approaching the maximum wear of the brake disc and the necessity of the brake's regulation or replacement of the disc brake, which enables further work of the brake. The regulation procedure is described in the brake operating manual.

MICROSWITCHES - ELECTIRC PARAMETERS		
Switch parameter	Switch KZ	Switch KO
Max. voltage AC	250 V AC	250 V AC
Max. AC switching current	5 A	6 A
Max. Voltage DC	28V DC	220V DC
Max. DC switching current	3A / 28V DC	6A / 12V DC 3A / 24V DC 1A / 60V DC 0,5A / 110V DC 0,25A / 220V DC
Protection rating	IP 66	IP 66
Terminals	NO /NC	NO /NC

#### MICROSWITCH DIMENSIONS



#### ORDER DENOTATION

The need to define the length of wire during order (L – length described in millimeters). In the case of ordering it together with brake, the microswitch wire and wire of the brake power lead are of equal length.

#### EXAMPLE:

- KZ . L=1500
- KO . L=650

**The producer reserves the right to modify as a result of developing the product.  
It is possible to realize special versions.**