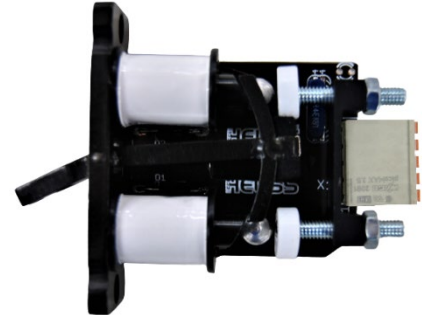


## Data sheet for OTTO HEUSS stop switch 5014

For actuation of:  
self positioning tilting tablet, for consoles

Order number: 5014-014 **14V Coil**

Order number: 5014-024 **24V Coil**



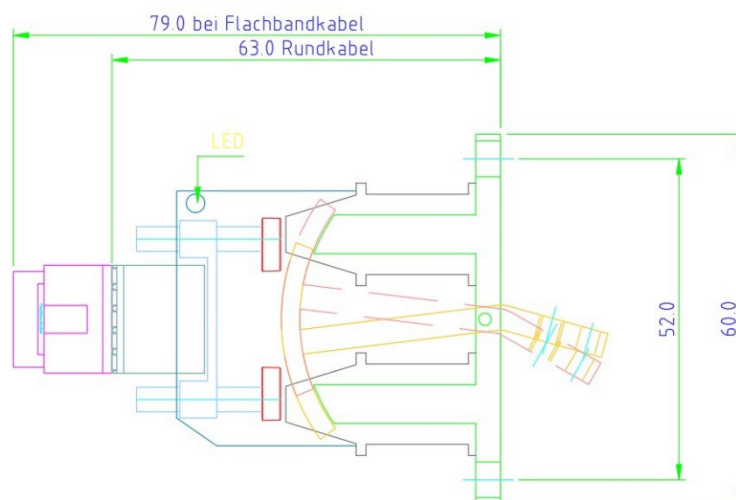
### 1 Advantages at a glance

- Purely electrical circuit without electronics, for long service life
- Low-wear reed contact, for long service life
- Brass bearing bush, for long service life
- Push-in cable connector, for easy connection of the cables and disconnection of the connector
- Very small design
- Travel regulation from "back side"



### 2 Mechanical Data

(for Organ builders)



(Usually connected via round cable, resulting in a total length of 63 mm)

**Attention:** Please note that if the travel is adjusted too low, the reed switch may work unreliably.

# Datasheet for Stop Switch 5014

## 3 Electrical Data

(for Organ builders)

### Connection of the cables:

**ON**= Signal coming from the setter for ON

**OFF**= signal coming from the setter for OFF

**Common coil** = usually negative (in Europe)

**Switch** = signal to setter/register

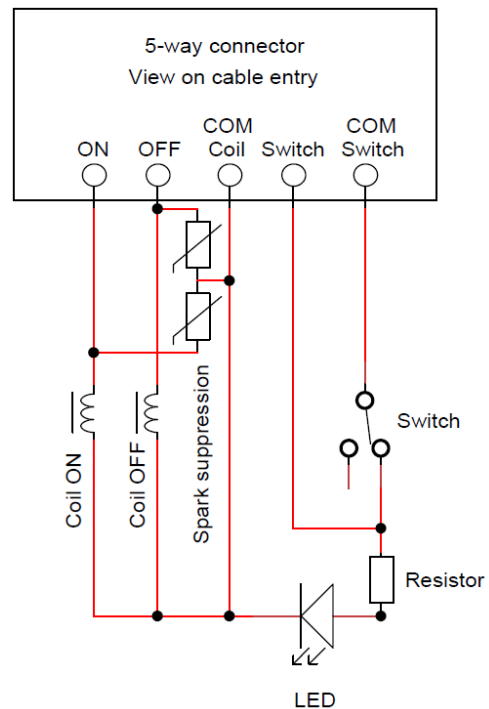
**Common switch** = usually positive (in Europe)

Coil resistance 14V: 35Ω

Coil resistance 24V: 100Ω

The built-in LED lights up when the register switch is operated in the ON position, provided the +/- polarity is connected according to standard.

The connector can be unplugged, for simplified connection and rigid conductors can be plugged in directly without releasing the cable lock.



The reed contact is specified for 250mA. However, induction voltage (sparks) can also damage the reed contact. Provide sufficient spark suppression at the magnet to be switched. If this is not sufficient, an amplifier circuit or similar is necessary to protect the contact from sticking. No capacitive loads (capacitors) may be switched.

## 4 Electronical Data

(for electronic engineers/programmers)

**Energization:** To perform a clean motion process, it is recommended to energize the coils for 300ms each.

**Bouncing:** To avoid bouncing of the electronic setter input, it is recommended not to poll until 500ms after the start of the switching operation of the stop switch.

### 5 Precautionary measures

To ensure safe operation, the following precautions must be observed:

- Avoid placing the unit near heat sources and/or in humid and/or dusty places.
- To avoid damage, the unit must be securely and stably fastened due to high workloads.
- An organ is an electrical installation and must be wired, connected, and commissioned professionally and in accordance with applicable standards and regulations.
- Avoid strong vibrations during transport, as these can damage the product.
- The device should not be placed near installations that emit high-frequency waves, such as television sets, radio receivers, microphone systems, transmitter masts, etc.
- Strict care must be taken to ensure that no liquids or metal shavings reach the device, as these can cause damage.
- Do not carry out any unauthorized work on the electronic system.
- In the event of a defect, contact the manufacturer.
- Never reach between magnet and attachment. There is a high workload. Danger of crushing!



### 6 Warranty

- The company Otto Heuss GmbH provides a two-year warranty from the date of delivery.
- Otto Heuss GmbH is not responsible for damage caused by incorrect handling.
- The company Otto Heuss GmbH assumes no responsibility for cancelled or impaired concerts, events, or performances.

### 7 Disposal

Electrical appliances that are no longer required or are defective should not be disposed of in the household waste; they must be taken to a local collection point for proper disposal.

Used batteries and electrical appliances must be disposed of separately in accordance with applicable regulations.

