

MADE IN GERMANY



ELEKTROKONTAKT

Fascinating Electrotechnics



Flexitast

The innovative display button

4-5-6

Unique
ZBD display

→ Flexitast

The world's first display button with ZBD display

Flexitast, the revolutionary pushbutton with integrated display is offering versatile and dynamic display options. Being equipped with a 72 x 72 pixel ZBD display, specially developed for SCHLEGEL, and an RGB backlight, Flexitast enables the flexible display of texts and symbols. Thanks to the special display technology, the screen content stays visible even without power connection. The elegant design and the fact that the display is protected by break resistant glass make the Flexitast an efficient and robust solution for a wide range of applications.





→ The advantages of Flexitast at a glance:

- Special 72 x 72 pixel **ZBD display**
- Display size 26.5 x 26.5 mm
- **Robust construction**, display protected by break resistant glass
- Flexible display of **texts/symbols**
- **RGB backlight**
- **Display content stays visible even without power connection**
- **Excellent illumination** and **display** of texts and symbols
- **No burn-in** of display content
- Integrated temperature sensor (display protection)
- Comfortable haptic and **tactile response**
- Elegant design
- **Sustainable and environmentally** friendly (no plastic nameplates necessary)
- **Saves time** and **costs** in procurement and storage (only one product necessary)
- More than 1 million switching cycles, degree of protection IP65, operating temperature -10 °C to 50 °C



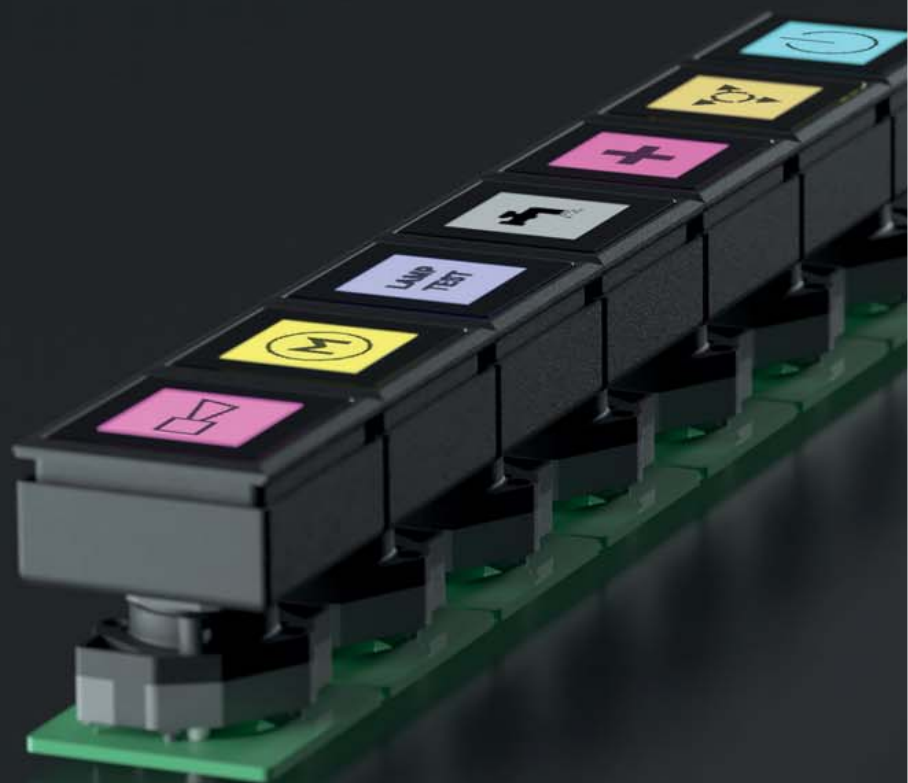
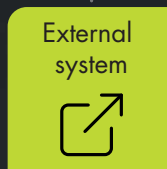
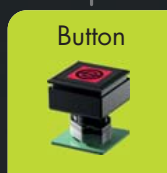
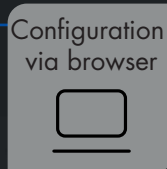
→ Variants

→ Flexitast as single button

The Flexitast as single button is controlled by an external system, for example by PLC or IPC. The controller can also record events such as pressing the Flexitast button or exceeding a critical value of a level indicator and adjust the Flexitast button accordingly. The symbol on the button can, for example, be changed or a flashing red background can be displayed as a warning. The configuration is carried out conveniently via the browser on a PC, which is connected to the Flexitast button via USB cable.

Possibilities of configuration

- Symbol/text (normal/activated)
- Illumination/blinking (normal yes/no), activated (yes/no)
- Colours: white, red, green, blue, yellow, magenta, cyan



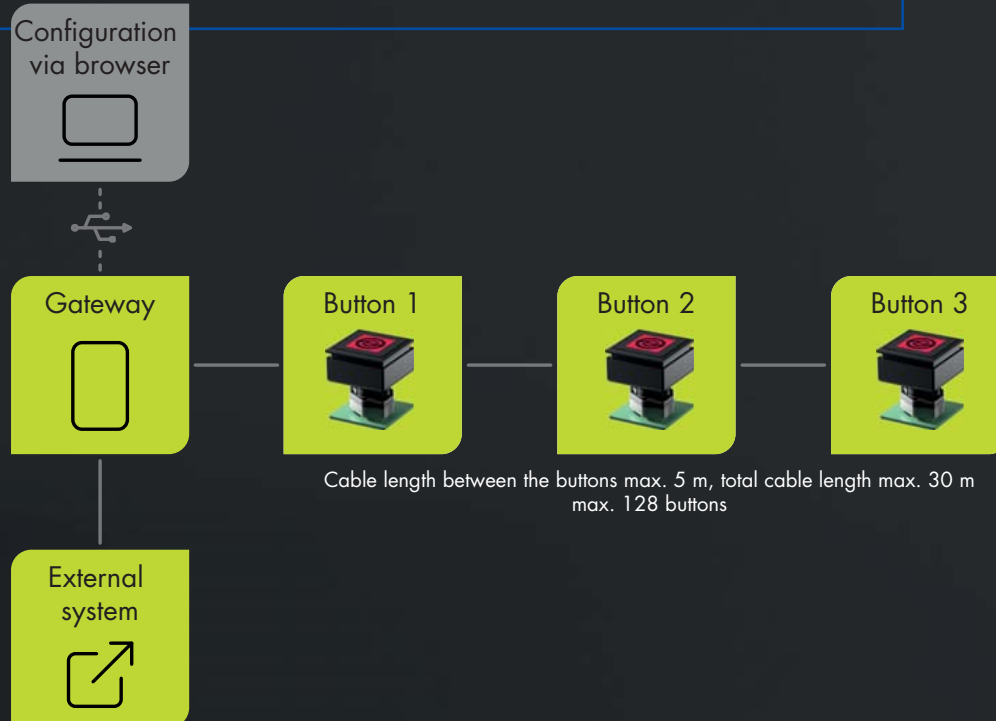
→ Flexitast as a system

In a system, the control is done via a bus system in which up to 128 Flexitast buttons can be connected. The Flexitast gateway controls the communication and parameterisation of the individual Flexitast buttons and also acts as an interface to the external system. Events can be recorded via the external system and are transferred to the gateway, for example to change the symbol for a specific Flexitast button, to make several ones flashing, or to change the background colour of all connected buttons. The specific applications can be very diverse: be it changing the texts in different languages before delivery to the customer or an active warning in critical situations using red flashing warning symbols.

Each Flexitast button is connected to the next via a cable, whereby the maximum distance between two buttons is 5 meters and the total length of the connection can be up to 30 meters. The configuration is done via the browser on a PC that is connected to the gateway via USB cable.

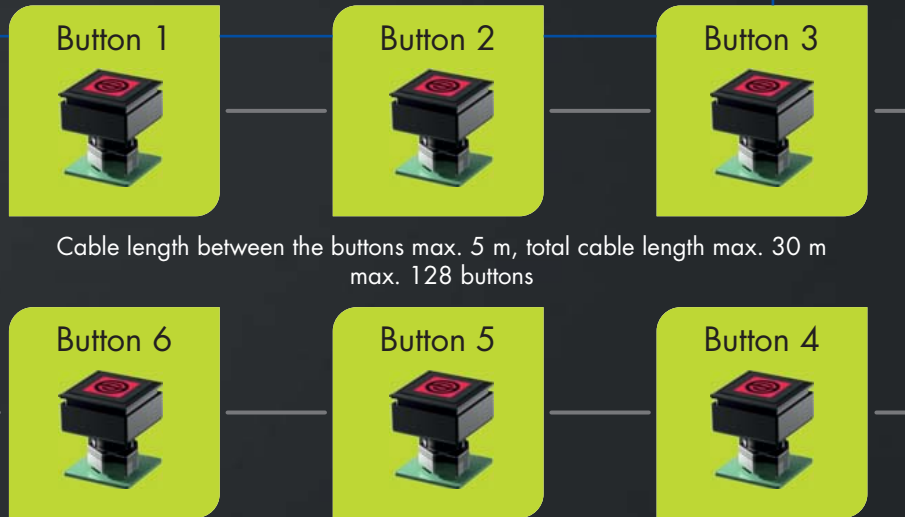
Possibilities of configuration

- Symbol/text (normal/activated)
- Illumination/blinking (normal yes/no), activated (yes/no)
- Colours within a system or operating unit: full spectrum of colours is possible
- Additional features are possible for customised variants



→ **Flexitast customised**

The customised version of Flexitast offers maximum flexibility in adapting to individual requirements. The configuration and control of the buttons is carried out according to the customer's wishes, whereby additional functions and interfaces can be easily implemented. This allows to optimally integrate the Flexitast buttons into existing systems and processes to display both, texts and symbols. This tailor-made solution enables perfect adaptation to specific applications and requirements.



→ Configuration

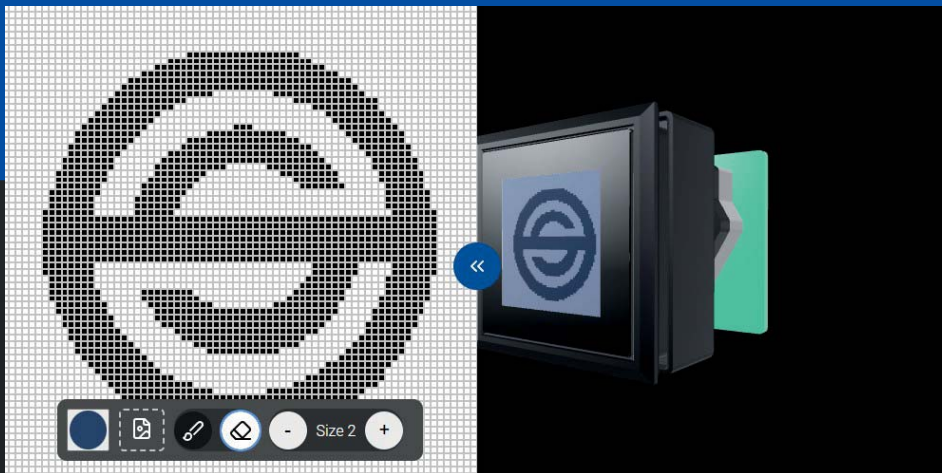
→ simple, intuitive configuration

All types of Flexitast buttons can be configured via web browser. To do this, the individual button or the gateway of the Flexitast system is connected to a web-enabled device via USB cable and uploaded into the frontend. Once the connection to the Flexitast or gateway is established, the individual button or the system can be configured.

The following options are available:

- Assigning a symbol for the state activated/deactivated
- Assigning the background colour pressed/not pressed
- Assigning blinking yes/no for pressed/not pressed
- All Schlegel standard symbols are available
- You can also upload and activate your own symbols

Demo configurator under
flexitast.schlegel.biz





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