

Electroluminescence

Flexible, multicolor illumination of user interface elements in front panels, membrane keyboards, silicon keyboards and LC-Displays.



What is electroluminescence

The light source is a multilayer condensator. It will be affixed on to a membrane or glas base. The emitted light can be dimmed and switched on an off and is the same intensity everywhere on the surface. Multiple colors can be placed side by side on the same base. Different areas can be controlled separately so that they can serve different purposes.

Wide field of applications due to small heights

Because of the small heights of the device, it can easily be used in membrane keyboards or on curved surfaces.

Wide range of designs

The EL modules can be designed in any desired form. Cut outs for windows and holes are possible. For example, translucent silicon keyboards can be illuminated in their entire surface and adapted optimally for night design application using a dimming for the EL.

Different areas on a single membrane

Using separate power supply lines, different areas of a single EL module can be controlled independently. This way, you can design your user interface in different functional groups while retaining the smooth illumination of every separate area.

sales@www.tastaturen.com Anrufen: (0 89) 89 43 99-0 Faxen: (0 89) 89 43 99-11