Foil-covered keyboards

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Foil-covered keyboards are the most widely used input elements in device and apparatus construction. Whether they have a narrow operating area with two keys or are a complete user interface with a large number of keys and additional elements, their robust design, flat insertion depth and the large degree of freedom in terms of their shape continue to make them customers' first choice.

The almost unlimited flexibility in design is one of the major advantages of foil-covered keyboards. As a result, the design engineer can freely set the number of keys, their position and their shape on the device. Then there is the equally wide selection of graphical designs for the user interface. Foil-covered keyboards as mechanical switching elements firstly offer thin metal dome switches. Secondly, the switching mechanism works when the foil surface contacts the switching film below. Foil-covered keyboards are normally glued into place without a great deal of effort to integrate them within systems.

The variety of additional functions and properties that can be combined with foil-covered keyboards are what make them an attractive proposition. Coatings that repel biocides or liquids, different lighting options, capacity

Technology:

- A flat height
- Robust, malleable foil surface
- > can be activated more than 1 million times
- High degree of resistance to wear
- Insertion through adhesive layer on rear
- Various key embossing designs
- Attractive additional features

Benefits:

- Absolutely individual design
- Cleaning and desinfecting
- Flat insertion depth
- Space-saving, compact control panels available
- Easily perceptile key feedback

sensor elements or a double contact function are all available.

Fields of application:

- Device and apparatus construction for all applications

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