



Silicone rubber keypads

Keytouch designs and manufactures silicone rubber keypads tailored to customer requirements. These keypads can be integrated into membrane switches or operator panels.

Silicone rubber keypads enable a high degree of freedom in the design of customized operator panels. The rubber, symbols and text can be produced in any color. The keys can be produced in a range of movement characteristics and pressure resistances.

Electric solution

The silicone rubber keypads can be delivered with carbon or gold contacts that are vulcanized on the underside of the keys, enabling direct contact with the printed circuit board. Alternatively, the silicone rubber keypads can be used to cover membrane switches containing metal domes.

Backlight

The backlight series is built on transparent keypads with a color coating where symbols and text are made visible by either laser etching or chemical erosion. Lighting at the back of the keypad will make all symbols and text visible in the dark. Various colors are possible and the backlight series is always combined with Duracoating.

Coating

The keypads are available in a range of coatings, providing increased abrasion and solvent resistance.

Duracoating:

- Protects key top printing
- Excellent abrasion resistance
- Oil and solvent resistance
- Gloss or matte surface

Parylene coating:

In addition to Duracoat, Parylene provides:

- Superior oil and solvent resistance
- Real conformal Parylene coating on all surfaces and in all corners, including backside

Encap

Liquid polymer is applied to the keypad, which provides a clear, rigid, simulated plastic finish on rubber key tops that protects the key top printing and highlights the buttons. Encap is available in gloss and matte finish.

Plastic keytop

Silicone rubber keypads are also available with molded plastic key tops. Plastic key tops combine all advantages of silicone rubber and plastic keypads together.

