

SCHURTER MEMBRANE SWITCHES

High quality membrane switches designed in Europe

SCHURTER has over 40 years of experience in design, manufacturing and supplying high quality membrane switches into the European market. Our membrane switches are known to be reliable in all environmental circumstances. SCHURTER is specialized in customized complex membrane switches for all types of industry. Based on our outstanding expertise in technology, we can meet your customer-specific requirements, from the simple touch point to the complete solution, by creating a design of the highest quality and sophistication.



1 Graphic overlay

Our membrane switches are printed with high quality inks in our modern facilities. We have the entire range of overlay materials in different thicknesses and structures. With our computer-assisted colour mixing equipment we can print any design you require in any colour.

2 Keys

We can supply our membrane switches in any construction and design required. The membrane switches are designed with embossed switching domes or in a flat construction. Special metal domes of metal are available in various sizes and different operating forces.

3 Embossing

Membrane switches are known for their excellent operating characteristic. The outstanding haptics are supported by many embossing types. Qualified parameters ensure a constant and stable embossing of your membrane keypad.

4 Display areas

SCHURTER can create the display materials to meet the demands of any application. We offer the appropriate surface treatment for every requirement of the display area. In order to achieve highly transparent and scratch-resistant surfaces, the display area is optimized with a window varnish in the clean room.

5 Circuits

The SCHURTER membrane switch circuits are designed according to the latest industrial standards. Our double-layered design of the circuit boards withstand the toughest climatic conditions. Circuits on Kapton or an integration on rigid printed circuit boards are possible.

6 Integration

SCHURTER is your partner for the integration of your membrane switch into a suitable plastic or metal housing. We have dispenser machines in the clean room to integrate the membrane switch according to your IP requirements.

Markets

- Industrial Equipment
- Medical Equipment
- Laboratory
- Food Industry
- Military

Benefits

- Flexible design
- Switching characteristics according to your choice
- Use of embossing
- Reliable circuits
- High quality graphics/printing

Key specifications

- Temperature range -20°C to +70°C