

## SCHURTER RESISTIVE TOUCHSCREENS

### A touchscreen available for all your needs

SCHURTER offers a wide range of resistive touch screen technologies, which is available as a qualified input technology for industrial and medical applications.

SCHURTER has a wide range of standard sensors in 4-, 5- and 8-wire technology as well as customized designs to meet application-specific requirements. For special applications and extended specifications, SCHURTER also offers special designs of resistive touchscreen technology.



#### 1 Resistive sensor

For the most common display sizes, SCHURTER has standard resistive touch sensors available. Customized sensors for your display or special specifications can be manufactured in the range of 3,5" to 24".

#### 2 Graphic overlay

Your touchscreen is optionally laminated with a customer-specific screen printed and highly transparent overlay. SCHURTER has a state-of-the-art screen print equipment giving you access to the full range of design options.

#### 3 Keys and backlighting

Our touchscreens can be integrated with our well known membrane switch technology. You can add your dedicated application keys as membrane switch or hardware key integrated in the full design. Different backlight options and point illumination are available. SCHURTER's full lamination with the graphic overlay creates a seamless input system.

#### 4 Optical bonded overlay

To avoid dirty edges and to create a full clean seamless input system, SCHURTER laminates the overlays highly transparent over the entire surface of the touch screen.

#### 5 Assembly

SCHURTER is your partner for the integration of a resistive touchscreen into a housing or carrier plate. With laser technology, the fully enclosed touch panel is precisely fitted into the chosen housing and sealed according to the IP specification. SCHURTER will provide you with a reliable solution suitable for the most demanding markets.

#### 6 Housings

SCHURTER has a wide experience in design and supply of individual housing systems which are manufactured with the most modern production processes. Various materials such as aluminum, stainless steel as well as various types of plastics are available for your application.

#### Markets

- Industrial Equipment
- Medical Equipment
- Laboratory
- Food Industry

#### Benefits

- Attractive flexible design
- Cost-effective touchscreen technology
- Design with no dirt edges
- Integration of additional mechanical touch areas
- Your preferred surface material

#### Key specifications

- Diagonals between 3.5" and 21"
- Graphical overlay
- Optical bonding
- Highly customizable
- Temperature range -20°C to +70°C