



Capacitive Touch Switch Solutions :

What Are Capacitive Switch ?

A Capacitive Switch Detects The Presence Or Absence Of A Conductive Object, Such As A Finger, By Measuring Changes In Capacitance. This Means There Are No Mechanical Components Within The Switch Eliminating Any Potential Mechanical Failure And Offering Excellent Durability In Even The Hardest Environments.

Our Capacitive Switches Possess A Self-contained System That Gives Flexibility To The Design Of Your Product. We Are Able To Incorporate These Switches With Many Different Features Including Backlighting, Touchpad, Touchscreen, Proximity Sensors And More To Create A Product Exclusive To Your Application. Common Application For Capacitive Switches Include Automobiles, Computers, Cell Phones, Consumer Electronics, And Industrial Machinery

Capacitive Switch Materials :

A Capacitive Switch Consist Of Three Main Sections : The Graphic Overlay, Circuit, And Backer. The Overlay Displays Your Graphics And Also Include Windows, Embossing, Coating, Adhesives, And Selective Texturing.

The Switch Will Either Be Flexible Printed Circuit (fpc) Or A Printed Circuit Board (PCB). The Backer Is The Final Part Of Your Capacitive Switch, And May Or May Not Include An Adhesive That Must Bond To Your Specific Substrate.

Capacitive Switch Materials :

Keetronics Most Commonly Uses The Pantone Matching Systems Or CMYK Color Model To Match Custom Colors. We Can Match To A Specified Or Provided Color. If You Wish To Submit Sample, We Prefer That It Be 2 X2" In Size.



Backlighting Your Capacitive Switch :

If You Would Like To Backlight Your Application, The Capacitive Switch Construction Would Incorporate Either Light Guide Or LEDs For Uniform Lighting. Depending On Requirement Of Your Application Such As Thickness Preference, Shape, Environmental Exposure, And Other Unique Specification.

A Variety Of Application That Use Backlight Solution : Remote Control, Laboratory Equipment, Airplane Dashboard, Medical Devices In Dimly Lit Operating Rooms, Consumer Appliances, Such As Coffee Makers And Microwaves, Laptop Keyboards And Many Other Applications That We All Come In Contact With Daily Or Sporadically.