

# Customized Capacitive Switch and Sensing Products from Molex

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Capacitive sensing is a robust technology that uses capacitance to detect the presence of a human finger or any other conducting object. This product is a custom sensor array on a printed circuit board, polyimide, or polyester circuit, which creates an electronic field. When a finger or conductive object enters the field, the product recognizes a change in the capacitance. Molex's unique backlighting makes this product an elegant design. Our seamless overlays allow for easy cleaning and are available in unlimited cosmetic options such as different colors and textures. Capacitive sensing is resistant to harsh chemical exposures, contaminants, temperature fluctuations, and EMI, which make this product robust and durable. Additionally, there are no moving parts that can wear out or detract from the reliability of the product.



Molex offers a wide variety of overlay options including glass, polycarbonate, polyester, and hard-coated acrylic—virtually any non-conductive material. This product is well suited for many industries such as appliances, medical equipment, automotive, office equipment, and gaming, just to name a few.