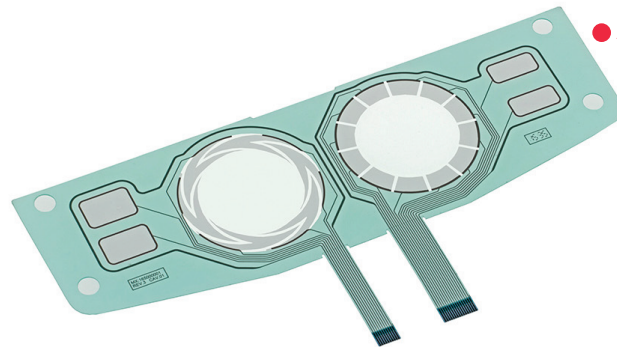


# PEDOT CLEAR CONDUCTIVE SENSORS

PEDOT Clear Conductive Sensors offer flexibility and transparent circuits, enabling keypad backlighting on curved surfaces for capacitive user interface panels.

## FEATURES AND ADVANTAGES

Effective on a wide range of substrates, including polyester (PET), polycarbonate and glass  
Allows for a variety of applications requiring durable, translucent circuits



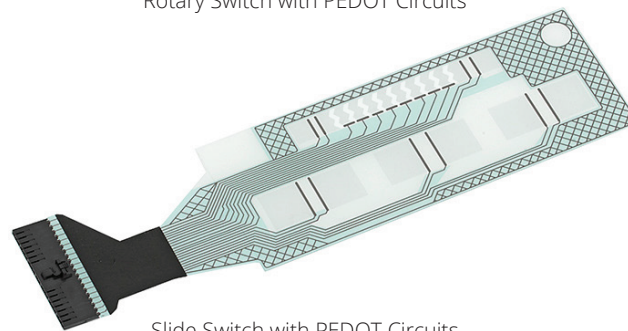
**Thin, clear conductive sensor**  
Supports backlighting techniques that create space savings when compared to other techniques

Capable of both touch-sensing and proximity-sensing actuation  
Enables capacitive touch, sliders and wheels for actuation to meet a broad range of design needs.

Rotary Switch with PEDOT Circuits

**Applied with pressure sensitive adhesive (PSA)**  
Eliminates the need to use the more expensive optically clear adhesive (OCA). Standard PSA is an effective application method for PEDOT

**Flexible transparent conductive sensor**  
Can be implemented on curved surfaces allowing for more elaborate designs



Slide Switch with PEDOT Circuits

**Allows low-temperature processing and simplified design**  
Lowers overall production costs



**Transparent circuits**  
Allows lighting to pass through them, resulting in a capacitive key backlit through the circuit

## APPLICATIONS

### Home Appliance (Controls)

Refrigeration  
 Cooking  
 Laundry  
 Dishwashers  
 HVAC

### Consumer and Connected Home

Smart speaker  
 Thermostat  
 Streaming media devices  
 Home automation equipment

### Automotive (Controls)

Center stack  
 On-door controls  
 Map light  
 Seat controls



Thermostat



Home Appliance Controls



Automotive Controls

## ORDERING INFORMATION

Custom Product	Description
Contact Molex	PEDOT Clear Conductive Sensors

[www.molex.com/link/pedot.html](http://www.molex.com/link/pedot.html)