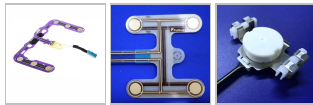


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## Overview

Fujikura Automotive Europe is specialised in the development and manufacturing of wire harnesses, seat sensors, plastic parts and electronic components for the automotive sector and we count the major European car manufacturers as our main customers.

Production is spread across multiple sites throughout Europe, with production plants in Romania, Morocco, Moldova and Ukraine. Using our production network, we are able to deliver development, manufacturing, sales, quality, logistics and purchasing services to all our customers in Europe.

### Seatbelt Reminder Sensors

Seat sensors are used to detect if the occupant is on the passenger seat or not, and allows the car to urge the occupant to use their seatbelt as required. Our seatbelt reminder sensors are constructed using a thin film base material which allows for less roughness on the seat surface and thank to its flexible design, our SBR sensors are compatible with any seat shape/design. Conducting on more than two contact points gives 'On' signal in the structure and the membrane structure allows to keep high antistatic electric detonator. Printing in special ink allows nonflammability.

### Film Antenna

Our film antennas have diverse uses and can be mounted on window glass for FM-VICS, ATV, DTV (one-or full-segment), and GPS signal. They can also be used for FR-ID and electrostatic sensors.

This range of products is highly adhesive to glass panes and highly transparent. Electrical circuits of arbitrary shape can be formed on a thin PET film and it's possible to achieve low-resistance electrical circuits. They are available in a wide variety of design and a highly flexible and adhesive to curved surfaces.

### Capacitive sensor film for touch switches

As a substitute for a mechanical switch, our capacitive sensor films can be used as a capacitive touch switch for heater control, car navigation, room lamp, steering wheel, etc.

Our capacitive sensor films are made from flexible and highly transparent PET as the base material, which makes it easy apply to curved surfaces. The sensing part of each switch is formed of a mesh with a width of 30  $\mu\text{m}$ , and the transmittance is 80% or more. We can illuminate design and our sensors have a low resistance compared to sensors which use an ITO electrode.