

# MEMBRANE SWITCH

Membrane keypads offer product designers and engineers a customised and flexible user interface for electronically controlled products which are compact, reliable, cost effective and assembly friendly. Entech have a solution to suit your next product design.

We are **Specialists** in **Membrane Keypads.**

## Features & Benefits:

- Membrane switch or PCB backed styles
- Duraswitch  $\geq 10$  million actuations
- Tactile inserts  $\geq 1$  million actuations
- Flat Key  $\geq 5$  million actuations
- Embossed or flat finishes
- Glossy or matte, smooth or textured surfaces
- Embedded LEDs and multilayered switch assemblies
- FPC, polyester or polycarbonate materials
- Electromagnetic shielding options
- Wide range of materials for weather and solvent resistance
- Dome embossed buttons with no inserts - for a tactile feel when buttons are pressed
- IP68 rating available



## The Structure

Depending upon the intricacy of the keypad and how many buttons an application has, this will determine the structure, and number of layers required. They can range from 4 up to 8+. See below a typical structure diagram,

