



HIGH-END COMPONENTS

KEYBOARDS AND POINTING DEVICES

ELECTRONIC HOUSING

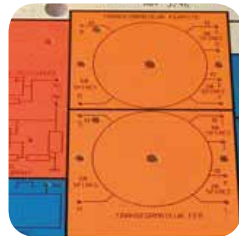
HUMAN-MACHINE
INTERFACES

KNOW-HOW

- design assistance
- manufacturing
- representation of world-class suppliers
- custom or semi-customized products
- supply chain integration, from SMEs to multinationals



is a trademark of
FIMOR ELECTRONICS



INDUSTRY
MEDICAL
NAVY
AUTOMOTIVE
AERONAUTICS
ACCESS CONTROL
BALNEOTHERAPY
HUMAN MACHINE INTERFACES

FRENCH MANUFACTURING OF HUMAN-MACHINE INTERFACES

KEYBOARDS AND SILICONE AND/OR PLASTIC PARTS

Expertise in custom silicon keyboards, complete with decoration and connector, contact membranes, zebras, individual keys. Numerous decoration techniques available: double-compression, screen printing, pad printing, painting, laser engraving, backlighting..., coating of various finish: matt, glossy, PU, epoxy varnishes...

Material combination and assembly possible: co-molding of different hardnesses, metal or plastic over-molding. Production of sub-assemblies (plastic + elastomer assembly) and contact membranes (silicone, polyester, metal domes). Production of injected plastic parts (ABS, ABS/PC, POM, TPE, TPU, EPDM...) with multi-material over-molding.

MEMBRANE KEYBOARDS

Membrane keyboards consist of a front panel, a flexible circuit and an Adhesive, printed and formatted to fit mechanical or plastic parts and control panels.

DECORATIVE FRONT PANELS / TECHNICAL LABELS

Front panels and the technical labels are designed in CAD and can be printed to match RAL, Pantone or existing samples. Color matching is validated on a spectrophotometer.

E.L. LAMPS (Electroluminescent)

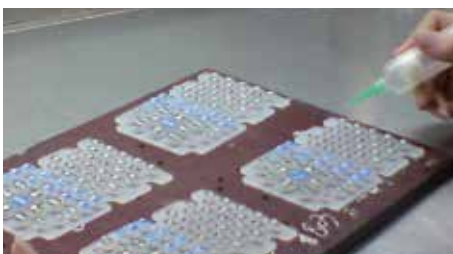
E.L. lamps are designed and manufactured to match your needs and can get integrated into your membrane keyboards. Economical, flexible, thin, and energy-efficient (34W/m²).

PAD PRINTING

Pad printing is a process enabling the decoration and branding of most complex shapes and objects.

EMBEDDED ELECTRONICS

IHM FRANCE® and its worldwide partners provide a large range of solutions combining different manufacturing specialties (screen printing, keyboard molding, touch screen integration...)



DISTRIBUTION OF TECHNICAL COMPONENTS FOR ELECTRONICS



APPLICATIONS
INDUSTRIALS
MEDICALS
MILITARY
MULTIMEDIA

WATERPROOF SILICONE KEYBOARDS

- Rugged ABS polycarbonate housing
- Flat and compact
- Dust, water, corrosive liquid proof, IP65, IP67, IP68
- Compatible with most disinfectants used in hospitals
- Multiple possible configurations (backlighting, built-in, Bluetooth, touchpad...)

Suitable for harsh environments (military, medical).

ANTI-VANDALISM KEYBOARDS

- Stainless steel
- IP65 protection
- Built-in or desktop versions
- Versions integrating trackball, touchpad and/or numeric keypad

For industrial or information automation and point-of-sale applications.

WATERPROOF AND VANDAL-RESISTANT TRACKBALLS

- Stainless steel
- Standard rolling ball or optical technology.
- 3-button function
- Resistance index from IP54 (standard) to IP68 (optical)

Especially designed for military grade applications and multimedia kiosks.

HIGH-END MINIATURE FANS

- Extra flat from 25x25 to 120x120 mm
- Axial flow from 24 to 80 mm in diameter
- Radial flow (pressure \leq 15hPa)
- For breathing mask

Best flow/pressure/noise ratio on the market with MTBF of up to 50,000h guaranteed.

LEDS, DISPLAYS AND INDICATORS

- High brightness
- Different colors
- LED displays in all sizes
- Waterproof LED indicators (IP68)
- Display holders
- PGA, BGA ZIF, DIN, Sub-D connectors, etc...

HIGH STABILITY RESISTORS

- High power (\leq 2000W)
- High voltage (\leq 160KV)
- High ohmic values (\leq 10 TeraOhms)
- Low ohmic values (from 0.003 Ohms)
- Low Tolerance (\pm 0.005%)
- Low temperature coefficient (\pm 1ppm)

OTHER COMPONENTS

Connectors, microswitches, limit switches, resistive chips, relays, miniature transformers, encoding wheels, shunts...



HOUSING CABINETS, 19" RACKS

- Standard and custom-made
- Aluminium or rotomoulded plastic
- Aluminium profiles.



CASINGS

- DIN 43700 panels
- Small portable boxes
- Pre-cut windows for LCD
- Plastic, aluminum or stainless steel
- 300 standard models or custom-made



TECHNICAL CASES

- Aluminum, resin, injection molding
- Ultra-resistant
- Machining, screen printing, foam cutting options
- Security locks
- Integration of equipment possible
- Anti-shock and ultra-lightweight
- Dust, water, extreme temperature and chemical resistant (IP65)

FIMOR distributes high-tech components and parts in partnership with international partners such as:



Markets specialties :

APRA NORM, DDM HOPT+SCHULER, DOLD, EVERLIGHT, GETT, LEDTRONICS, MAGNECRAFT STRUTHERS-DUNN, NICHIA, HPRC, PRINTEC DS, PRC, RCD, SANTOX, SASSE, SPITZNAGEL ...

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