INFUSION PUMP KEYPAD ASSEMBLY AND METHOD FOR MAKING THE SAME

ABSTRACT

An infusion pump and method of its manufacture according to the present invention are provided. The infusion pump has a pump casing made from a first material and defining a keypad assembly area. Disposed within the keypad assembly area and electrically coupled to the infusion pump is a flexible circuit. The keypad assembly is hermetically sealed over the flexible circuit to the keypad assembly area. The keypad assembly includes a frame made from a second material and defining a perimeter sized to mate with the keypad assembly area, the frame having an adhesive surface and an overmold surface, and a keypad made from a third material and in direct contact with the overmold surface of the frame.

FIGURE 1