

2. The pressure-sensitive capacitive sensor according to claim 1,

wherein the vertical wiring lines are not disposed at a position facing the horizontal wiring line for noise detection.

3. The pressure-sensitive capacitive sensor according to claim 1,

wherein the first substrate has flexibility and use a surface of the first substrate as a contacting surface with a detecting target.

4. The pressure-sensitive capacitive sensor according to claim 3,

wherein the area of the horizontal wiring line for noise detection is equal to a detecting area, an area of one horizontal wiring line subtracted by the sum of areas, at which the vertical wiring lines and the horizontal wiring lines overlap in a horizontal wiring line.

5. The pressure-sensitive capacitive sensor according to claim 4,

wherein the horizontal wiring line for noise detection is shaped like the horizontal wiring lines, and a shield plate for shielding the noise is disposed on the horizontal wiring line for noise detection, and the shield plate is disposed in the first substrate and has an

opening through which an area corresponding to the detecting area of the horizontal wiring line for noise detection is exposed.

6. The pressure-sensitive capacitive sensor according to claim 5,

wherein the shield plate on the horizontal wiring line for noise detection is shaped like a comb having the same pitch as those of the vertical wiring lines in order to have the same shape as that of the area where the horizontal wiring line and the vertical wiring line do not cross each other in the matrix of the horizontal and vertical wiring lines, and an area corresponding to the detecting area of the horizontal wiring line for noise detection is exposed.

7. The pressure-sensitive capacitive sensor according to claim 6,

wherein the first and second substrates are composed of a single flexible film substrate, the horizontal and vertical wiring lines are formed on the flexible film substrate, and the flexible film substrate is bent at a predetermined position to make the horizontal wiring lines and the vertical wiring lines cross each other.

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