

Supplementary Information

A flexible proximity sensor formed by duplex screen/screen-offset printing and its application to non-contact detection of human breathing

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Supplementary Movie

Demonstration of the proposed proximity sensor. In the demonstration, a metal rod, a dielectric rod, and a human hand approached the sensor. The responses of the sensor to the metal rod and the human hand were clearly observed due to their conductive properties, whereas the sensor was insensitive to the dielectric rod.

Supplementary Datasets

Raw data representatively selected from the circular plots ($r_t = 0.5$ mm) in Fig. 2(b). $d = 0.1$ (S1), 5 (S2), and 100 mm (S3).