

Optical Touchless Sensor



※ PTTON is trademark of Nisshinbo Micro Devices Inc.

» SUMMARY

Through mounting an optical touchless IC on any detection device, buttons and switches are operated without direct finger touch. Highly hygienic as detection is achieved without direct mechanical contact.

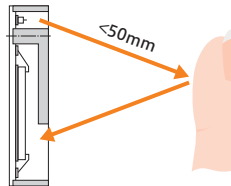


Demonstration

» FEATURES

1

Equipped with a light-emitting element and a light-receiving IC



2

Long-distance detection possible with compact and ultra-thin design

3

Highly resistant to light disturbances, and suitable for outdoor installation

▶ Allowable illuminance of disturbance light up to 10,000lux

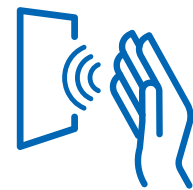
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Touchless IC on PET film mounted with low temperature solder, for an environment-friendly integrated module

» PRODUCT APPLICATIONS

Operational switches and panels in public facilities

- Elevators
- Vending machines
- Ticket vending machines
- Bathroom appliances
- Coffee machines and food preparation devices



» BASIC SPECIFICATIONS

- Rated voltage: DC 5 V
- Detection range: MAX50mm
- Operating temperature: -10 degrees C to 70 degrees C