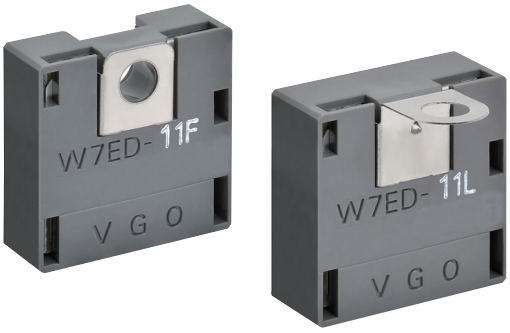
New Product

Touch Sensor
W7ED

Reliable operation that requires only a light touch. Models equipped with anti-static FG terminals are also available.



- Suitable for embedding in equipment
- Enables touch sensor configurations to be created that suit your application. Touch electrodes and touch sensor electrodes can be fastened just using screws.
- Body-to-electrode static electricity transfers can easily be prevented using FG terminal models.
- Supports 5 to 15 VDC, with open-collector output.

Refer to *Safety Precautions* on page 6.

Features

No design required No need to perform sensitivity adjustments or design circuits! Minimizes development man-hours.

Reliable operation Achieves reliable operation using a touch electrode that changes capacitance depending on the level of touch.

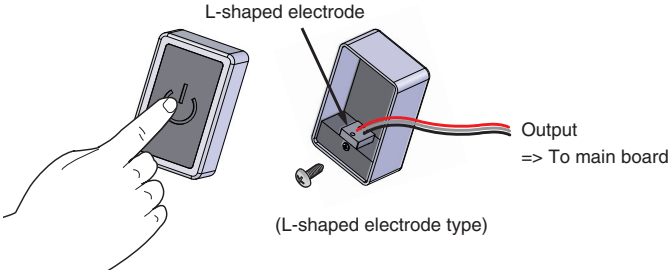
Connects easily Touch electrodes and touch sensors can be fastened just using screws.
No PCBs, facilitating touch sensor configurations.

[Line-Up]

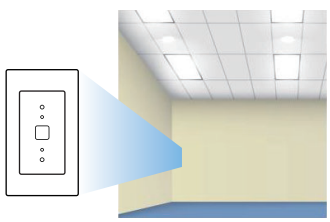
L-shaped electrode type

I-shaped electrode type

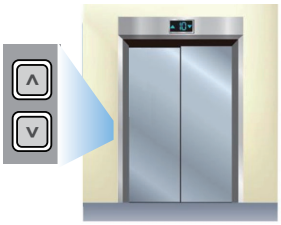
[Mounting example]
Touch electrode (conductive material)



Application Examples



Lights



Elevators

Vending Machines

Faucets

Model Number Legend

W7ED-□ □ □
(1) (2) (3)

(1) Detected capacitance
1: 25 pF

(2) FG terminal
1: Without
2: With

(3) Electrode shape
F: I-shaped
L: L-shaped

Specifications

Electrode shape	Appearance	FG terminal	Model
I-shaped		Without	W7ED-11F
		With	W7ED-12F
L-shaped		Without	W7ED-11L
		With	W7ED-12L