

Car Door Handle Touch Sensor

Reliable Sensing, in all Weathers.

Unaffected by inclement weather or harsh conditions



High Touch Sensitivity Maintained in Adverse Conditions including Inclement Weather

Features

- Highly resistant to water ingress and noise.
Operates reliably in adverse environments/weather conditions*, while still maintaining excellent touch sensitivity.

*Electromagnetic interference, heavy rain, etc.

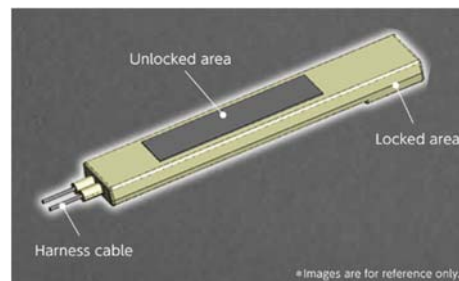
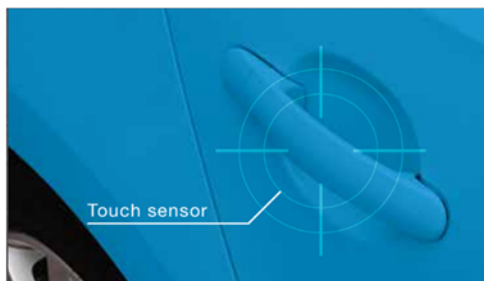


•Specification indicated in this Technical Report is outline only at present. Any products in this Technical Report are subject to any modification for further development and the products improvements without prior notification. •When employing the product, use of an officially authorized specification is recommended. •Please feel free to contact us with any enquiries about our products and their uses.



Features

- Touch functionality can be added by integrating the sensor into the automotive door handle
- Modularized unit type with waterproof construction (resin-sealed waterproof construction)



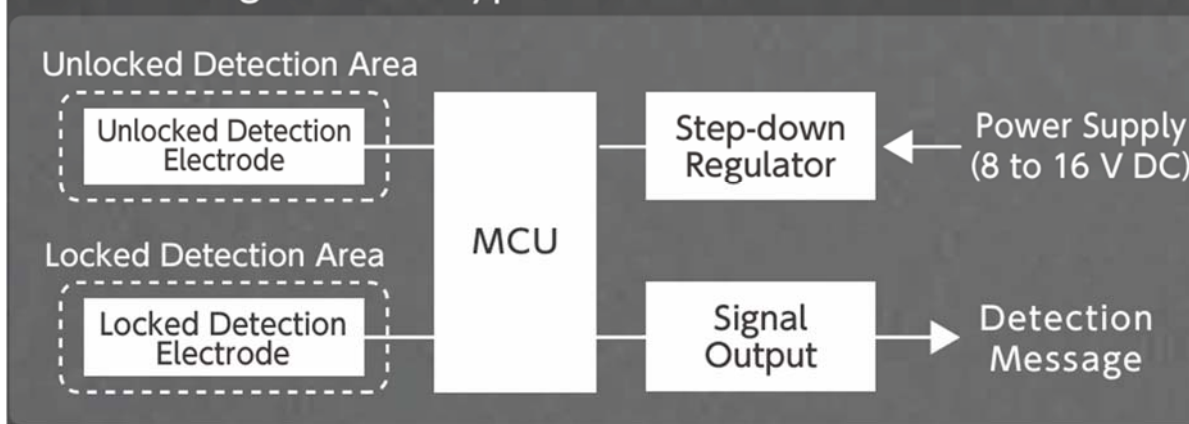
Applications

- Touch sensor (for car door handles)

Specifications

Item	Specification
Detection Method	Capacitive
Input Voltage	8 to 16V DC
Number of Input Buttons	1ch (Locked or Unlocked) 2ch (Locked, Unlocked)
Operating Temperature Range	−40 to 90℃
Current Consumption (Standby)	120μA max.

*Block Diagram (2ch type)



●Specification indicated in this Technical Report is outline only at present. Any products in this Technical Report are subject to any modification for further development and the products improvements without prior notification. ●When employing the product, use of an officially authorized specification is recommended. ●Please feel free to contact us with any enquiries about our products and their uses.



Hosiden Corporation

4-33, Kitakyuhoji 1-chome, Yao, Osaka 581-0071 JAPAN
www.hosiden.com/en/

As of November 2024
(TE2024-14)